THE J PROJECT

2021 Book - Part 2

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December 2021

FOREWORD

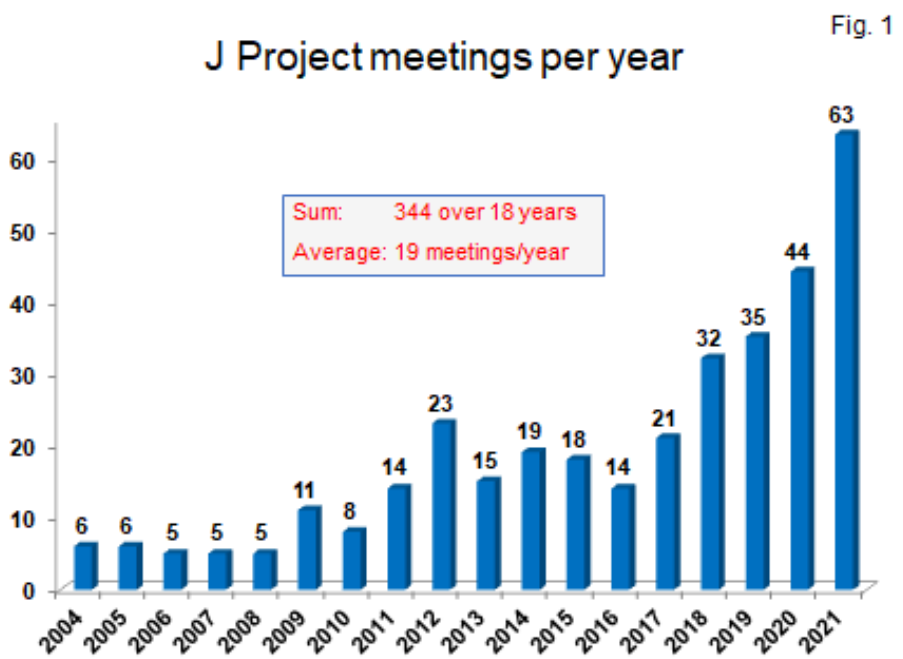
After 18 years of our joint work and activity in the primary immunodeficiency (PID) or inborn errors of immunity field the loudest and strongest message of the J Project (JP) is that we are still growing in terms of the area covered, countries and centers included, and we are developing across existing differences of various kind in the 32 countries that have joint the Project. We welcome Milos Jesenak, Martin, Slovakia who joint us recently and thank Peter Ciznar and Milos for their trust and support. A prominent expression of our strength is the increasing number of PID-focused meetings (Fig. 1) representing ambition and enthusiasm and making the way for a better diagnosis and treatment of more than 26 thousand patients (see upcoming Parameters paper). We are not isolated in this endeavor but are collaborating hand in hand with the European Society for Immunodeficiencies, the Jeffrey Modell Foundation, and pharmaceutical companies providing modest educational grants for the organization of JP meetings. We thank the long term professional collaboration to CIS, IPOPI and INGID as well. Unforseen difficulties may hamper our collaborative project but must not dilute or dissolve all the successes we have achieved. New avenues of the J Project like clinical research and publication of unique observations in high standard medical journal as well as expression of solidarity if we see injustice show the multi-faceted character and responsibility we are holding and standing for (see ESID-IPOPI-INGID-J Project Statement). We must believe that the world in Central and Eastern Europe has become a better place to live in by what we call the JP.

March 5, 2022

László Maródi

The Geographic extension of the J Project - 2022

Fig. 1



ESID IPOPI INGID J Project
Statement of solidarity and support to those affected by the war in Ukraine
March 3, 2022

With this message we want to pledge our support to the PID community, the physicians and researchers, the PID patients, the nurses and all victims of the war in Ukraine. No event is more disruptive to healthcare than war. Our thoughts are with the many hundreds of thousands of victims of this devastating situation.

We, ESID, IPOPI together with INGID and J Project stakeholders, strongly call for these patients to be able to access their life saving treatment.

We call on national health authorities in countries who face the arrival of refugees from Ukraine to welcome them and to ensure their essential medical care, including PID patients and patients with other rare diseases.

We call on the European Union to support national health authorities, and especially those from Ukraine and neighbouring countries.

We call on pharmaceutical companies to explore all possible options to help ensure essential medical care and make immunoglobulin therapy and anti-infectious prophylaxis available to the refugees with PID and to the patients with PID still in Ukraine wherever and whenever feasible.

We commit to support our affected members, national organisations, patients with PID, staff and friends in and from Ukraine, and broader, all those affected by this horrendous situation.

We commit to support our colleagues in the countries receiving refugees, trying to deliver essential medical care to PID patients or offering short term fellowships to healthcare professionals.

Health is a human right, ensuring access to healthcare is our mission and we believe that solidarity can defeat violence.

	CITY	COUNTRY	ORGANIZER(S)	DATE
1.	Vladivostok	Russia	Galina Tcyvkina	June 9
2.	Pristina	Kosovo	Vlora Ismaili-Jaha	June 30
3.	Chisinau	Moldova	Svetalana Sciuca & Anastasia Bondarenko	July 1
4.	Nakhoda	Russia	Galina Tcyvkina	August 7
5.	Tashkent	Uzbekistan	Umida Nabieva	August 24
6.	Almaty	Kazakhstan	Umida Nabieva	September 19
7.	Hradec Králové	Czech Rep.	Anna Sediva & Jiri Litzman	September 23-24
8.	Orel	Russia	Irina Snimshchikova	September 30
9.	Nur-Sultan	Kazakhstan	Elena Kovzel	October 8-9
10.	Taksony	Hungary	Katalin Haraszti & László Maródi	October 13
11.	Tashkent	Uzbekistan	Umida Nabieva	October 14-15
12.	Kaunas	Lithuania	Brigita Sitkauskiene	October 15
13.	Samarkand	Uzbekistan	Umida Nabieva	October 16
14.	Ternopil	Ukraine	Oksana Boyarchuk	October 21-22
15.	Kaunas	Lithuania	Brigita Sitkauskiene	October 22
16.	Antalya	Turkey	Ismail Reisli	October 24
17.	Chisinau	Moldova	Svetlana Sciuca	October 27
18.	Vladivostok	Russia	Galina Tcyvkina	October 28
19.	Skopje	Macedonia	Kristina Mironska	November 1
20.	Chisinau	Moldova	Svetlana Sciuca	November 4
21.	Pristina	Kosovo	Vlora Ismaili-Jaha	November 5
22.	Kiev	Ukraine	Alla Volokha	November 11-12
23.	Chisinau	Moldova	Svetlana Sciuca	November 12
24.	Kazan	Russia	Irina Tuzankina	November 13
25.	Fier	Albania	Georgina Kuli-Lito	November 19
26.	Moscow-Yekaterinburg	Russia	Irina Tuzankina	November 21
27.	Budapest	Hungary	László Maródi & László Maródi Jr	November 24
28.	Kaliningrad	Russia	Irina Tuzankina	November 24-26
29.	Kutna Hora	Czech Rep.	Anna Sediva & Jiri Litzman	November 25-26
30.	Yekaterinburg	Russia	Irina Tuzankina	November 27
31.	Diyarbakır	Turkey	Ismail Reisli	November 30
32.	Orel	Russia	Irina Snimshchikova	November 30-December 1
33.	Orel	Russia	Irina Snimshchikova	December 1

34. Debrecen	Hungary	Kitti Pakozdy & Noemi Miltner	December 2
35. Ljubljana	Slovenia	Natasa Toplak & Tadej Avcin	December 2
36. Warsaw	Poland	Malgorzata Pac & Ewa Bernatowska	December 3-4
37. Orel	Russia	Irina Snimshchikova	December 6
38. Lviv	Ukraine	Larysa Kostyuchenko & Valentina Chopyak	December 9-10
39. Sofia-Plovdiv	Bulgaria	Marianna Murdjeva & Elissaveta Naumova	December 17
40. Kiev	Ukraine	Anastasia Bondarenko & Svetlana Sharapova	December 18
41. Ussuriysk	Russia	Galina Tcyvkina	December 22
42. Orel	Russia	Irina Snimshchikova	December 27

VLADIVOSTOK, RUSSIA — JUNE 9

Host: Galina Tcyvkina
Venue: Vladivostok, Uborevicha street, 30/37.
Topic: Primary immunodeficiencies awareness meeting

Federal state budgetary educational institution of higher education "Pacific state medical University" of the Ministry of health of the Russian Federation
Department of health of Primorye territory
State Autonomous healthcare institution regional clinical center for specialized types of medical care
Regional clinical center Allergology and immunology

Primorsky branch of the Union of pediatricians of Russia
Primorsky regional branch of the Russian Association of allergists and clinical immunologists (RAACI)

PROGRAM

Primary complement immunodeficiency (HAE), or unknown about known (with analysis of clinical cases).
Galina Tsyvkina, head of the Regional Center for Clinical Allergology and Immunology GAUZ KKTs SVMP, candidate of medical sciences, associate professor
Long-term prevention of HAE.
Galina Tsyvkina

Difficulties in the differential diagnosis of HAE (analysis of a clinical case). - *Galina Tsyvkina*

Primary immunodeficiency: a long way from the onset of the disease to the diagnosis.
Irina Kondratenko, Professor, Head of the Department of Pediatric Rheumatology and Immunology, FSBI RCCH, Moscow

A case from practice (analysis of the case together with Prof. Kondratenko Irina, author of Primary Immunodeficiencies: A Study Guide 2020).
Lutsenko Galina, Head of the inpatient department of the Regional Center for Clinical Allergology and Immunology GAUZ CCC SVMP

Discussion: Summing up the results of the quiz "What do we know about immunodeficiencies?".

Galina Tcyvkina and her audience

SUMMARY

On June 9, 2021 a meeting was organized in Vladivostok by the Primorsky Regional Department of the Russian Association of Allergists and Clinical Immunologists (RAACI) in round table format. The main topic was: "Primary immunodeficiencies: difficulties in diagnosis, errors in diagnostics". The meeting was attended by medical doctors, including allergists- immunologists, pediatricians and therapists.

Galina Tcyvkina

PRISTINA, KOSOVO — JUNE 30

Host: Vlora Ismaili-Jaha
Venue: Emerald Hotel Pristina
Topic: Primary immunodeficiencies - diagnostics

PROGRAM

Primary Immunodeficiencies - our experience
Shqipe Spahiu

Primary immunodeficiencies of B lymphocytes
Violeta Grajcevci-Uka

Tumor-associated hemihyperplasia
Aferdita Pireva

Chronic granulomatous disease
Arbana Baloku-Zejnullahu

Macrophage activation syndrome
Albana Xani

Shqipe Spahiu

Violeta Grajcevci-Uka

Arbana Baloku-Zejnullahu

Albana Xani

SUMMARY

On July 30th, in Pristina, at the Emerald Hotel Pristina, Kosova Association for Rare Diseases and J-Project Kosova held meeting on diseases in two sessions - pediatric hematology and primary immunodeficiencies. Although the interest to take place was higher, due to the COVID regulation imposed by the National Institute of Public Health, thirty participants attended. Five lectures were presented at each session. Both organizations presented their activities and stressed the importance of early recognition and multidisciplinary approach these diseases. Meeting was accredited by the Kosova Chamber of Physicians.

Vlora Ismaili-Jaha

CHISINAU, REP. OF MOLDOVA JULY 1

Host: Svetalana Sciuca & Anastasia Bondarenko
Venue: Academia of Sciences of Moldova, Chisinau
Topic: Primary immunodeficiencies, respiratory comorbidities and COVID-19 infection in children
Primary immunodeficiency Forum: Moldavia-Ukraine

PROGRAM

Lung infections in primary immunodeficiencies in children
Svetlana Șciuca, Chisinau

SARS-CoV-2 infection in children with primary immunodeficiencies
Rodica Selevestru, Svetlana Șciuca, Chisinau

Molecular-genetic diagnosis in the Republic of Moldova (realities, perspectives)
Victoria Sacară, Chisinau

Primary immunodeficiencies in Ukraine (data from the patient register)
Anastasia Bondarenko, Kiev

Primary immunodeficiency registers. ESID register experience
Svetlana Sharapova, Minsk

Bronchopulmonary pathology in primary immunodeficiencies
Alla Volokha, Kiev

Skin manifestations of primary immunodeficiencies
Anastasia Bondarenko, Kiev

Hyper IgE syndrome due to DOCK8 deficiency
Anna Gilfanova, Kiev

Autoinflammatory syndromes as a manifestation of primary immunodeficiencies
Yuri Stepanovsky, Kiev

DiGeorge's syndrome in children – diagnostic features
Alexandr Dorif, Chisinau

Suppurative complications in children with humoral immunodeficiencies
Cristina Tomacinschii, Chisinau
Pneumocystis jirovecii infection in children with primary immunodeficiencies
Rodica Selevestru, Chisinau

SUMMARY

Within the biomedical research platform in collaboration with J Project, the Academy of Sciences of Moldova and the „Nicolae Testemitanu" State University of Medicine and Pharmacy was held the National Scientific-Practical Conference with international participation „Primary immunodeficiencies, respiratory comorbidities and COVID-19 infection in children". The event took place in a mixed format and brought together specialists pediatricians, family doctors, pulmonologists, allergists, immunologists, geneticists, resident doctors.

The scientific event was moderated by academician Eva Gudumac, „Natalia Gheorghiu" Department of Pediatric Surgery, Orthopedics and Anesthesiology, „Nicolae Testemitanu" SUMPh, Deputy Coordinator of the Life Sciences Department, ASM. Acad. Gudumac stressed the importance of the event in the context of SARS-CoV-2 and the detrimental impact of the pandemic that covered the entire planet. The scientist mentioned that the conference aims to draw attention to the role of human immunity and what happens to those with primary immunodeficiency, what awaits these children in the future when they become adults.

Svetlana Sciuca,
Eva Gudumac, and
Cristina Tomacinschii
Greeting message – László Maródi

Prof. Svetlana Sciuca, dr.hab.in medicine, head of the Pneumology Clinic, „Nicolae Testemitanu" SUMPh Pediatrics Department, mentioned that the event is a conference with international participation included in a European project for Eastern and Central Europe (J Project), with research in the field of primary immunodeficiencies. "Today, we bring to the medical community of the Republic of Moldova, family doctors, pediatricians, immunologists new information about the diagnosis of primary immunodeficiencies in our country, about our collaboration in this field with specialists from countries that will present today, such as Ukraine and

Belarus", mentioned Prof. S.Sciuca. Prof. Svetlana Sciuca also highlighted the fact that 32 countries participate in the project and the Republic of Moldova comes with its contribution in research processes, diagnosis, but also with educational activities, to expand information on primary immunodeficiencies, especially early diagnosis, treatment methods, medical management at various stages of primary care. The professor thanked the Academy of Sciences for hosting this conference.

With a virtual greeting message came the leader and founder of this project is Prof. László Maródi. He mentioned that the J PROJECT physician education and clinical research collaboration program was started in 2004 in Hungary to increase awareness of primary immunodeficiency diseases in Central and Eastern Europe. And the J Project program in Republica Moldova was started in 2008 by Prof. Lyudmila Cerempei who recognized the importance of the program mission. The program organization was then taken over by prof. Svetlana Sciuca that organized 8 JP Meeting. As a result of her awareness program, the number of registered PID patients increased from tens to hundreds, and more and more received treatment. Prof. mentioned that is reasonable to say that R. of Moldova is doing much better than some bigger JP countries and provides a good example of how a new discipline can be improved and developed by devoted professional teams. As a result of Prof. Svetlana Sciuca awareness program, the number of registered PID patients increased from tens to hundreds, and more and more received treatment. R. of Moldova provides a good example of how a new discipline can be improved and developed by devoted professional teams. The topics addressed at the conference focused on the involvement of the bronchopulmonary system in immunodeficiencies, early manifestations, as well as the evolution of signs of respiratory damage and complications. „They are the most common manifestations in immunodeficiencies, so today we focused especially on this issue, which will be very important for the family doctors, the ones whose mission is to suspect these diseases and refer the patients to the institutions where the specialists are competent in the field of immunodeficiencies".

The president of ASM, acad. Ion Tighineanu participated with a word of greeting „Through the collaboration between the J Project, „Nicolae Testemitanu" SUMPh and the Academy of Sciences of Moldova, through the involvement of Prof. Svetlana Sciuca, National Coordinator of the project, events are held annually to support and increase knowledge in the field of primary immunodeficiencies for the medical community in the Republic of Moldova".

Dr. hab prof. Mihai Todiras, head of the Research Center in the field of health and biomedicine, „Nicolae Testemițanu” SUMPh sent a greeting message from acad. Stanislav Groppa, vice-rector for research activity at USMF „Nicolae Testemitanu". Prof. Todiras mentioned that SUMPh is currently focused on the implementation of the Strategy for strengthening the field of Research and Innovation for the years 2020-2030, whose basic motto is „Education through research, culture and intelligence in research", and today's conference it fits perfectly in this context and is an exceptional opportunity to familiarize specialists in general practice”.

Ion Tighineanu, President of the Academy of Sciences of Moldova

A message of greeting, encouragement and support to all those attending the 8th meeting of JProject in Chisinau was sent online by the founder and director of JProiect, László Maródi. The founder presented a brief history of the JProject, stating that it started in 2004 in Hungary to raise awareness of primary immunodeficiency diseases in Central and Eastern Europe, In the last 16 years, 32 countries have joined the project. The founder László Maródi wanted to specify that the Republic of Moldova has registered performances, and this provides a good example of how a new discipline can be improved and developed by dedicated teams, for which he thanks Prof. S. Sciuca.

A greeting message was also addressed by Prof. Anastasia Bondarenko, Department of Pediatric Infectious Diseases and Pediatric Immunology of the National University of Health Protection of Ukraine „P.L.Shupik”, who thanked for the invitation to participate in this important forum, congratulating all colleagues who dedicate their activity to this important scientific field. She also presented epidemiological data and their successes in the field of primary immunodeficiencies in Ukraine, excelling with a broad presentation on cutaneous manifestations in PID.

Belarus' experience in the field of primary immunodeficiencies was presented by Svetlana Sharapova, Candidate of Medical Sciences, Leading

Researcher of the Republican Center for Pediatric Oncology, Hematology and Immunology (Minsk, Belarus). She presented information about primary immunodeficiency registers and ESID register experience.

Molecular and genetic diagnosis, possibilities and perspectives, as well as a brief history of the evolution of genetics in Moldova was described by Victoria Sacară, HD, Head of Human Molecular Genetics Laboratory, Institute of Mother and Child.

Rodica Selevestru, assistant professor, PhD, SUMPh, actively involved in the management of pediatric patients with COVID-19 presented the case of the patient with hyper-IgM syndrome infected with SARS CoV-2, successfully sold due to the active involvement of the Pneumology Clinic team led by Prof. Sciuca. Some of the most common infections of patients with immunodeficiency due to antibody deficiency, especially suppurative complications, have been described by Cristina Tomacinschii, PhD student Department of Pediatrics SUMPh, were described cases of pulmonary empyema, pulmonary destruction, and septic arthritis.

Svetlana Sciuca & Anastasia Bondarenko

Chairs of the conference:

(L to R): Eva Gudumac, Svetlana Sciuca (Chisinau, Moldova), Anastasia Bondarenko, Dep. of Pediatric Infectious Diseases and Pediatric Immunology, National University of Health Protection of Ukraine (Kiev, Ukraine)

NAKHODA, RUSSIA AUGUST 7

Host: Galina Tcyvkina
Venue: Nakhoda, Naberezhnaya street 10.
Topic: Primary immunodeficiencies – clinical cases

Federal state budgetary educational institution of higher education "Pacific state medical University" of the Ministry of health of the Russian Federation
Department of health of Primorye territory
State Autonomous healthcare institution regional clinical center for specialized types of medical care
Regional clinical center Allergology and immunology

Primorsky branch of the Union of pediatricians of Russia
Primorsky regional branch of the Russian Association of allergists and clinical immunologists (RAACI)

PROGRAM

Features of immunopathology in various diseases, including the new coronavirus infection SARS-Cov-2.
Galina Tcyvkina head of the Regional Center for Clinical Allergology and Immunology GAUZ KKTs SVMP, candidate of medical sciences, associate professor

Analysis of the clinical case: SARS-Cov-2 and Primary immunodeficiency (AVII).
Galina Tcyvkina

Galina Tcyvkina and her colleagues

SUMMARY

On August 7, 2021 a meeting was organized in Nakhoda by the Primorsky Regional Department of the Russian Association of Allergists and Clinical Immunologists (RAACI) in round table format. The main topic was: "Covid-19 and immune-dependent diseases. Features of therapy ". The meeting was attended by medical doctors, including allergists-immunologists, pediatricians and therapists.

Galina Tcyvkina

Nakhoda, a port city in Primorsky Krai

TASHKENT, UZBEKISTAN AUGUST 24

Host: Umida Nabieva
Venue: Institute of Immunology and Human Genomics of the Academy of Sciences of the Republic of Uzbekistan
Topic: Primary immunodeficiencies postgraduate training

PROGRAM

Relevance of the problem of primary immunodeficiencies in Uzbekistan *Nabieva Umida*

Clinical cases: observation and monitoring of patients *Ismailova Adolat*

SUMMARY

At the Academic Council on the appearance of the tested employees, the sets were laid down about the current problems of Primary immunodeficiencies in our disease and manifestations about the main manifestations and development of diseases. Prof. Ismailova informed about all cases identified and observed over time. All pain related issues were voiced and called out and the steps taken by them. After the discussion, it

was decided to send an official justification letter to the Ministry of Health of the Republic of Uzbekistan in support of adherents of sick children about the need for primary immunodeficiencies in the group of orphan diseases.

Umida Nabieva

ALMATY, KAZAKHSTAN SEPTEMBER 19

Host: Umida Nabieva
Venue: Kazakh National Medical University and online webinar
Topic: Professors' meeting - Primary immunodeficiencies

Organizer:
Kazakh National Medical University named after SA Asfandeyarov

Coordinators and Speakers:
Society of Allergists, Immunologists and Immunorehabilitologists of Kazakhstan (Chairman Prof. TT Nurpeisov)

PROGRAM

During her stay in Almaty *Nabiyeva Umida* delivered two reports:
1. "Autoimmunity and COVID"
2. "Primary immunodeficiencies and autoinflammatory diseases"

Umida Nabieva (UR), the founder of the Uzbekistan J Project

SUMMARY

According to the Memorandum of Cooperation between the Institute of Immunology and Human Genomics of the Republic of Uzbekistan and the Kazakh National Medical University named after SA Asfandeyarov, from September 19 to September 25, 2021, U Nabieva delivered a course of lectures on the topic: “Autoimmune diseases”, listeners - 3rd year students in the specialty "General Medicine" and "Stomatology", residents of the 1st and 2nd year in the specialty "Rheumatology", faculty members of the departments "General Immunology" and practical health care doctors. In the general list of lectures on autoimmune diseases, a lecture was given on the topic “Primary immunodeficiencies and autoinflammatory diseases”.

Also, within the framework of the V International Scientific and Practical Conference “Allergology and Immunology: Achievements and Prospects”, dedicated to the 30th anniversary of the independence of the Republic of Kazakhstan, held in Almaty on September 23-25, 2021. U Nabiyeva made a report on the topic: "Autoimmunity and COVID".

Umida Nabieva

Kudasheva Dinara, Abilbayeva Arailym, Tarabayeva Anel, Nabieva Umida, Saitova Aliya, Bitanova Elmira, Bijigitova Beibitgul, Sukenova Dinara

HRADEC KRÁLOVÉ, CZECH REP.

SEPTEMBER 23-24

Host: Anna Sediva & Jiri Litzman
Venue: Hotel Vacek Pod Věží
Topic: Primary immunodeficiencies - Newborn screening

NATIONAL IMMUNODEFICIENCY GROUP MEETING

Hradec Králové

thursday 23.9.2021

Hotel Vacek „Pod věží"
http://www.pod-vezi.cz/
Velké náměstí 165, Hradec Králové

PROGRAM

STAT1 GOF pacients vs. COVID-19
M. Bloomfield

Diferenciation and exhaustion of T lymphocytes in primary immunodeficiencies
T. Klocperk

Lung involvement in CVID
T. Milota

PID Registry
J. Litzman

PIDs in COVID times – from the disease to vaccination
P. Králíčková

Report on acitivities of Immunodeficiency Group
SCID screening, launch in the Czech Republic since January 2022
A. Šedivá

XV. PEDIATRICKÝ KONGRES
s mezinárodní účastí
23. - 25. 9. 2021 | Kongresové centrum ALDIS | HRADEC KRÁLOVÉ

17.00 – 18.15	Malý sál	Vrozené poruchy imunity v pediatrii
S9	Předsedající	Šedivá Anna, Králíčková Pavlína
		Závažné poruchy imunity, těžké a kombinované imunodeficience Šedivá Anna - *Praha*
		Když není čas ztrácet čas Záveská Dita - *Hradec Králové*
		Časné imunodeficience v dětském věku s dominantním gastrointestinálním postižením, kazuistika pacient s SAMD9 mutací Hlaváčková Eva - *Brno*
		Časné imunodeficience v dětském věku s dominantním plicním postižením, příklad kohorty s APDS (Activated Phosphoinositide 3-kinase δ syndrome) Bloomfield Markéta - *Praha*

SUMMARY

The J project meeting in September 2021 in the Czech Republic consisted of 2 coordinated activities held on September 23 and 24, 2021 in Hradec Králové. The first meeting was conceived as a meeting of members of the national immunodeficiency group and other specialists interested in inborns errors of immunity. Over 20 participants in audience presnted and discussed professional topics (shown in the program). This was the first meeting since the beginning, the COVID-19 pandemic, and naturally it covered also COVID-19 aspects associated with primary immunodeficiencies. The next day, in connection with pediatric congress in Hradec Králové, the block of lectures on primary immunodeficiencies covered the topic for pediatric audience. Topics included the issue of SCID screening, which is being prepared in the Czech Republic, as well as lectures on gastrointestinal and respiratory manifestations associated with primary immunodeficiencies. The meeting was attended by 80 participants and was well reflected among pedaitric community. We enclose programs for both events as well as some photo documentation.

Anna Sediva & Jiri Litzman

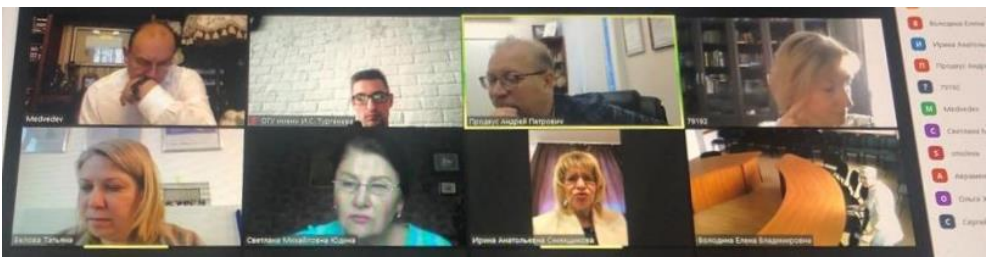
OREL, RUSSIA SEPTEMBER 30

Host: Irina Snimshchikova
Venue: Online webinar
Topic: 1st Coordination Council Meeting

PROGRAM

Regions: Oryol, Kursk, Bryansk, Tula, Belgorod, Lipetsk
Coordinators and speakers: IA Snimshchikova, AI Medvedev, AP Prodeus

1. Organizational issues of PID Coordinating Council further activities.
2. Issues of conducting a survey in the regions on PID issues.
3. Formation of the regional PID Coordinating Councils.
4. Other



SUMMARY

A Coordinating Council of Central Federal District has been formed for primary immunodeficiency disorders with the participation of representatives from Orel, Kursk, Belgorod, Bryansk and Tula and all interest groups of specialists (immunologists, pediatricians, obstetricians-gynecologists, hematologists). A questionnaire on the epidemiology and topical issues of PID in the regions was developed and sent out. All regional representatives were invited to take part at the JP conference that is going to be held in November 2021. It was decided to create Coordinating Councils in all regions of Central Federal District.

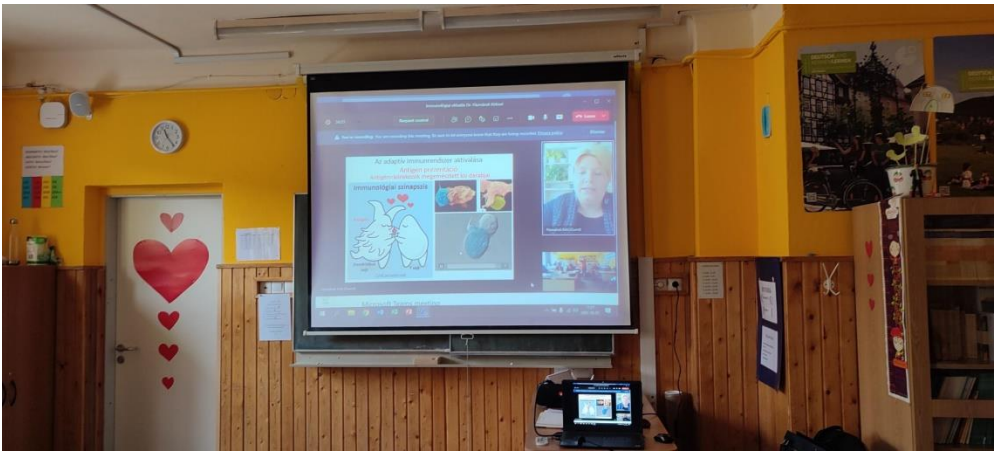
Irina Snimshchikova

TAKSONY, HUNGARY OCTOBER 7

Host: Katalin Haraszti & László Maródi
Venue: „Taksony Vezér" German Nationality Primary School
Topic: PID for children and parents

PROGRAM

About the immune system and COVID-19
Kitti Linda Pázmándi



SUMMARY

On 7th October 2021, the J Project Hungary event was held online for an audience of elementary school students and their teachers, with the aim of teaching basic immunology and primary immunodeficiencies (PIDs) and summarizing current knowledge about COVID.

The lecture was given by Kitti Linda Pázmándi, research fellow, at University of Debrecen, Faculty of General Medicine, Department of Immunology. The intact immune system provides essential protection against harmful pathogenic microorganisms, which are continuously trying to enter the human body to use the body's energy resources to survive and multiply. It has been introduced to the students how the lack of protective immunity due to immunodeficiency can lead to severe diseases caused by pathogens. However, not all microorganisms are harmful. Commensal bacteria live in symbiosis with the human body as part of the body's microflora and have a number of beneficial effects. It has been presented how these microorganisms contribute to the development and functional activity of the immune system. Furthermore, students were able to gain detailed insight into how an immune response against a pathogen develops, which immune cells participate in it, and how these immune cells work together to initiate an effective immune response. Due to the COVID-19 pandemic, particular attention was also given to the mechanisms of immune responses against viruses in the presentation.

Katalin Haraszti & László Maródi

NUR-SULTAN, KAZAKHSTAN OCTOBER 8-9

Host: Elena Kovzel
Venue: Online webinar
Topic: PID Association Kazakhstan

INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE "TOPICAL ISSUES IN CLINICAL IMMUNOLOGY"

III CONGRESS OF IMMUNOLOGISTS OF THE REPUBLIC OF KAZAKHSTAN

PROGRAM

OCTOBER 8

Opening

ME Shoranov, First Vice Minister of Health of the Republic of Kazakhstan (Nur-Sultan, Kazakhstan)

NK Khamzina, Deputy Chairman of the Board of the Corporate Fund "University Medical Center", Professor (Nur-Sultan, Kazakhstan)

MA Dauletyarova, Rector of NJSC "Astana Medical University", MD PhD (Nur-Sultan, Kazakhstan)

MV Belevtsev, Deputy Director for Research, Republican Scientific and Practical Center of Pediatric Oncology, Hematology and Immunology (Minsk, Belarus)

László Maródi, Professor, International project manager J-project (Budapest, Hungary)

AP Prodeus, Professor, Director of the University Clinic of the Russian National Research Medical University. N.I. Pirogov. (Moscow, Russia)

ZhB Ispaeva, President of the Kazakhstan Association of Allergists and Clinical Immunologists, Professor, Head of the Department of Allergology and Clinical Immunology, Kaz NMU named after S. D. Asfendiyarov (Almaty, Kazakhstan)

Plenary session № 1 Immunotherapy for immunodeficiency states
Moderators: MV Belevtsev, EF Kovzel

Hereditary angioedema: the state of the problem in Kazakhstan at the present stage
EF Kovzel (Nur-Sultan, Kazakhstan)

Modern approaches to diagnostics and treatment of patients with angioedema
MV Belevtsev (Minsk, Belarus)

The use of immunoglobulins in secondary immunodeficiency conditions
Stefan Jols (Cardiff, UK)

From analysis of SARS-CoV-2-specific immune responses to vaccine development
Rudolf Valenta (Vienna, Austria)

Experience in conducting substitution therapy with subcutaneous immunoglobulin G in patients with primary immunodeficiencies in the Republic of Kazakhstan
MA Morenko (Nur-Sultan, Kazakhstan)

Immunomodulating effect of multipotent mesenchymal stem cells
MV Belevtsev (Minsk, Belarus)

Possibilities of immunocorrection within the framework of therapy and prevention of infectious diseases of the respiratory tract
GA Mavzyutova (Kazan, Russia)

Cellular immunotherapy in oncology
MV Stegantseva (Minsk, Belarus)

Modern methods of extracorporeal hemocorrection of immunopathological conditions
AKh Amanov (Nur-Sultan, Kazakhstan)

Plenary Session № 2 Biological immunotherapy of allergic diseases
Moderators: ZhB Ispaeva, EF Kovzel

Modern strategies for the treatment of severe asthma. What can be improved?
NM Nenasheva (Moscow, Russia)

Biological therapy of bronchial asthma: effects on bronchial remodeling and pulmonary function
ZR Aisanov (Moscow, Russia)

Biological therapy of allergic diseases in a pandemic. Application in children
ZhB Ispaeva (Almaty, Kazakhstan)

The use of biological therapy in the treatment of allergic diseases in adults
TT Nurpeisov (Almaty, Kazakhstan)

Hives. Treatment in the 21st century
GM Tusupbekova (Nur-Sultan, Kazakhstan)

Biological therapy of allergic diseases in a pandemic
ZS Khairullina (Aktobe, Kazakhstan)

A Telman, G Bayan, Y Korabelnikova, O Usenova, S Volodchenko, M Morenko, E Kovzel, Zh Zhamanbayeva, A Sizdikova, E Ilubayeva, A Kasimova

Breakout session № 1 J-project Central Asia
Moderators: IA Tuzankina, EF Kovzel

J project. Success in the implementation of the countries of Europe and Central Asia
László Maródi (Budapest, Hungary)

Primary immunodeficiency states in the Republic of Kazakhstan. Implementation of the J-project. Management of patients with primary immunodeficiencies during a pandemic.
EF Kovzel (Nur-Sultan, Kazakhstan)

Congenital errors of immunity - prematurity - early infant mortality
IA Tuzankina (Yekaterinburg, Russia)

Implementation of the J-project in the Republic of Belarus
MV Belevtsev (Minsk, Belarus)

Implementation of J-project in Uzbekistan
UP Nabieva (Tashkent, Uzbekistan)

Implementation of the J-project in the Republic of Kyrgyzstan
BT Orozbekova (Bishkek, Kyrgyzstan)

Just about the complex: the genetics of immunodeficiency
MA Bolkov (Yekaterinburg, Russia)

Welcome speech from colleagues from Turkmenistan

Colleagues from Turkmenistan (Ashgabat, Turkmenistan)

Welcome speech from colleagues from Tajikistan
Colleagues from Tajikistan (Dushanbe, Tajikistan)

Discussion. J-project Asia resolution adopted

OCTOBER 9

Plenary Session № 3 Coronavirus Infection (COVID-19). Modern tendencies. Management of immunocompromised patients
Moderators: MA Morenko, DA Baesheva

Immunity to type I IFN predisposes patients to severe COVID-19
Qian Zhang (New York, USA)

Clinical and epidemiological characteristics of COVID-19 in children during the season of the first and second wave of morbidity
DA Baesheva (Nur-Sultan, Kazakhstan)

Diagnosis of immunity disorders in adults and children
AP Prodeus (Moscow, Russia)

Evaluation of the effectiveness of complex therapy for patients with COVID-19 using the drugs Viusid and Asbrip
MA Morenko (Nur-Sultan, Kazakhstan)

Features of the multi-inflammatory syndrome associated with SARS-Covid-2 in children
ST Abdrakhmanova (Nur-Sultan, Kazakhstan)

The problem of chronic diseases in children in the context of the Covid-19 pandemic
LN Skuchalina (Nur-Sultan, Kazakhstan)

Recurrent respiratory infections in children: features of immunorehabilitation in pre- and post-intracovid periods
AA Zhamankulov (Nur-Sultan, Kazakhstan)

Plenary Session № 4 Primary immunodeficiencies
Moderators: EF Kovzel, MA Morenko

Primary immunodeficiency states. The state of the problem in the Republic.
EF Kovzel (Nur-Sultan, Kazakhstan)

Omix technologies in the diagnosis of congenital defects of the immune system
MV Belevtsev (Minsk, Belarus)

Cutaneous manifestations in immunodeficiency states
TV Kotlyarova (Nur-Sultan, Kazakhstan)

Respiratory manifestations in primary immunodeficiencies
IY Mukatova (Nur-Sultan, Kazakhstan)

The value of the definition of TREK and KREK in the diagnosis of primary and secondary immunodeficiency states
EA Polyakova (Minsk, Belarus)

PID clinical cases
KV Shnaider (Nur-Sultan, Kazakhstan)

Plenary session № 5 Vaccine prophylaxis
Moderators: IY Mukatova, RI Rozenson

Immunity to coronavirus infection: how to get it and assess it?
AP Prodeus (Moscow, Russia)

Prevention of pneumococcal infection in patients at risk
IY Mukatova (Nur-Sultan, Kazakhstan)

Preventive efficacy of influenza vaccination in schoolchildren during the COVID-19 period. Results of an epidemiological study in the Republic of Kazakhstan
LT Eralieva (Nur-Sultan, Kazakhstan)

Meningococcal infection: clinical aspects of the rationale for vaccine prevention
AK Duisenova (Almaty, Kazakhstan)

Efficacy and Safety of Anticoid Vaccines in the General Population and Specific Groups
RI Rozenson (Nur-Sultan, Kazakhstan)

Pfizer-Biontech covid-1 vaccine efficacy and safety data from clinical trials
M Syrochkina, Pfizer

Breakout session No. 2 Analysis of clinical cases
Moderator MA Morenko, EF Kovzel; Responsible: SA Volodchenko

I Mukatova and R Rozenson

Plenary session № 6 Autoimmune and lymphoproliferative syndromes in immunodeficiency
Moderators: D Poddighe, MK Asylbekova

Autoinflammatory syndromes in congenital defects of the immune system
D Poddighe (Nur-Sultan, Kazakhstan)

Non-malignant lympho-proliferation in primary immunodeficiencies
YuS Zharankova (Minsk, Belarus)

Immunodeficiency states in the practice of a pediatric rheumatologist
MK Asylbekova (Nur-Sultan, Kazakhstan)

Hemophagocytic lympho-histiocytosis - a rare form of primary immunodeficiency in children
LN Manzhuova (Almaty, Kazakhstan)

The problem of diagnosis and treatment of rare autoinflammatory diseases. Experience of CF "UMC"
ZS Mukusheva (Nur-Sultan, Kazakhstan)

Immune dysregulation diseases: clinical syndromes, diagnosis
OP Ussenova (Nur-Sultan, Kazakhstan)

Translator, D Poddighe, R Rosenson, ZS Mukusheva

SUMMARY

Since October 8, 2021 held a meeting of the J-project group of the Asian region, in the framework of the III Congress of immunologists of the Republic of Kazakhstan and the international scientific conference "Actual issues of immunology in practical medicine".

About 380 permanent participants (740 doctors) have participated in the work of the Congress, among them: heads of managing bodies and establishments of healthcare, immunologists, pediatricians, allergologists, general practitioners and representatives of academic and high school science from all 14 regions of the Republic of Kazakhstan. Delegates from Russia, Belarus, Kyrgyzstan, Uzbekistan, Ukraine, Tajikistan, Austria, the USA, and Great Britain took part in the work of the Congress.

The most actual problems of clinical immunology in pediatrics and general therapy, the problems of children health care organization, the problems of primary immunodeficiencies in children were discussed. A considerable part is devoted to the issues of pandemics and vaccination. Particular attention is paid to early diagnosis and effective treatment of primary immunodeficiencies. The need for continuation and improvement of hematopoietic stem cell transplantation was emphasized once again.

According to the results of the work, the participants of J-project Asia and the III Congress of Immunologists of Kazakhstan consider it necessary:

- To express great appreciation to Prof. László Maródi for his organizational assistance in the implementation of the project on primary immunodeficiencies in the CIS and Central Asia.
- To recognize the work of the conference and congress as good.
- To participate actively in conferences, educational work in the countries participating in the J-project and new potential participants in the project.
- Actively conduct joint advisory clinical work on-line in the countries-participants of J-project.
- Support, approved by the road map development of immunological service of the Republic of Kazakhstan.
- Establishment of the Republican Center for immunology, immunorehabilitation and allergology in the Republic of Kazakhstan in Nur-Sultan.
- Introduction of screening project on early detection of PID in children from risk group on OSMS in the Republic of Kazakhstan.
- Introduction of molecular genetic studies based on next generation sequencing on OSMS, with the conclusion of an agreement with foreign clinics, to make a final diagnosis of primary immunodeficiency and determine effective treatment tactics. Consider the possibility of conducting this study on the basis of the genetics laboratory of Nazarbayev University.
- Ensure vaccination of patients with primary immunodeficiencies with booster administration of influenza vaccines, Prevenar 13 by GOBMP, according to IDSA recommendations (2013).
- Development of regional immunopathology centers on the basis of regional children's clinical hospitals in all regional centers of the Republic of Kazakhstan.
- Develop a permanent system of training master classes in regional centers with the involvement of leading experts in the field of immunopathology.
- To conduct an educational cycle on the basis of UMC\MUA on the basics of immunopathology in children and adults.
- Provide vitally important drugs according to the state volume of free medical care to patients with primary immunodeficiencies requiring replacement therapy (subcutaneous and intravenous immunoglobulins, C1 complement inhibitor, gamma-interferon).
- Expansion of indications for HSCT of patients with PID to be performed on the basis of the Department of Oncology of UMC CF and the Institute of Pediatrics and Pediatric Surgery.

- To introduce an effective methodology of donor search and technology of hematopoietic stem cell transplantation in patients with primary immunodeficiency.
- To work on improving the efficiency of the National Registry of Primary Immunodeficiencies of the Republic of Kazakhstan.
- Significantly increase the interaction between health authorities and patient organizations of primary immunodeficiencies.
- On an ongoing basis to enhance international cooperation within the framework of international organizations dealing with primary immunodeficiencies (PIDNET, J-project; ESID; JM), etc.
- To hold the next meeting of J-project Central Asia and CIS countries in October 2022.

E Kovzel, M Morenko, S Volodchenko, A Sizdikova, Zh Zhamanbayeva

PID report on J Project in Uzbekistan in 2021

by Umida *Nabieva*

General information:

Decree of the President of the Republic of Uzbekistan dated May 27, 2021 “On further improvement of the system for providing hematological and oncological services to the population”, according to which the Center for Pediatric Hematology, Oncology and Clinical Immunology is being created at the Republican Specialized Scientific and Practical Medical Center for Hematology. From January 1, 2022, the Center begins to operate as an independent center; December 2021 The Ministry of Health of the Republic of Uzbekistan introduced primary immunodeficiencies into the group of orphan diseases.

About patients:

Professor AA Ismailova at the end of 2021, only 25 patients were identified. Of these, 3 children with genetically proven Louis Barr. 6 patients with autoinflammatory syndrome, 8 with humoral immunodeficiency, 6 with combined immunodeficiency, 2 with cellular immunodeficiency, 1 of them with manifestations of nasopharyngeal cancer. Genetic research was carried out in 30% of patients.

Educational and scientific work:

1) 1st International Congress "Doctor-Patient-Society: Immunity 2021", Ekaterinburg February 11-12, 2021.
   Report: "J Project in Uzbekistan"

2) International online conference "Science and education: current issues, achievements and innovations in medicine" Tashkent February 19, 2021.
   Report: "Antiviral Immunity in COVID-19"

3) 3rd Field scientific-practical school-conference of the Russian Scientific Society of Immunologists "CLINICAL IMMUNOLOGY, ALLERGOLOGY AND INFECTOLOGY", Osh, April 29-30, 2021.
   Report: “Primary immunodeficiencies in Uzbekistan”

4) Scientific and educational forum with international participation "Modern challenges and scientific breakthroughs in allergology and immunology" and the 6th school for doctors "Patient-oriented approaches: translational medicine and real practice", Saratov, June 10-11, 2021.
   Report: "Actual problems of FID in Uzbekistan"

5) The fourth international scientific and practical offline and online school-conference in the Kyrgyz Republic "CLINICAL IMMUNOLOGY, ALLERGOLOGY AND INFECTOLOGY", Jalal-Abad, June 17-19, 2021.
   Report: "Autoimmune manifestations in COVID-19"

6) International Scientific and Practical Conference "Actual Issues of Clinical Immunology" III Congress of Immunologists of Kazakhstan, Nursultan, October 8-9, 2021.
   Report: “Primary immunodeficiencies in Uzbekistan”.

7) V International Scientific and Practical Conference “Allergology and Immunology: Achievements and Prospects”, dedicated to the 30th anniversary of the independence of the Republic of Kazakhstan. Almaty, September 23-25, 2021.
   Report: “Autoimmunity and COVID”.

8) International scientific and practical conference dedicated to the 35th anniversary of the Institute of Immunology and Human Genomics of the Academy of Sciences of the Republic of Uzbekistan “Immunology is the basis of medicine of the XXI century”. Tashkent, October 14-16, 2021. Report of Nabiyeva U.P. "Autoimmunity and Viral Infections"
   Report of AA Ismailova: "The current state of diagnosis and treatment of primary immunodeficiencies in Uzbekistan: some successes, difficulties, prospects".

9) Lectures on Primary immunodeficiencies and COVID immunopathogenesis to cadets of the Center for the Professional Development of Medical Workers prof. AA Ismailova and UP Nabiyeva.

Elena Kovzel

TAKSONY, HUNGARY

OCTOBER 13

Host: Katalin Haraszti & László Maródi
Venue: „Taksony Vezér" German Nationality Primary School
Topic: PID for children and parents

PROGRAM

Nutrition and immunity
András Arató

The human bone marrow
Miklós Garami

Introduction by Katalin Haraszti

SUMMARY

On 13rd October 2021, the J Project Hungary event was held in Taksony, a city close to Budapest south. The target audience was elementary school students and their teachers, with the aim of teaching basic immunology and primary immunodeficiencies (PIDs). The event was opened by Katalin Haraszti, teacher of „Taksony Vezér" German Nationality Primary School, who introduced the J Project to the audience.

The lecture by prof. András Arató present the most important diagnostic methods for the detecting the malnutrition and determining its severity level. Anthropometric measurements are highly important in the diagnosis, as well as evaluation of the body composition. In children with chronic malnutrition decreased height velocity (stunting) frequently occur. Chronic malnutrition could lead also disturbance of immune systems, because the proper supply of energy and nutrients are mandatory for the division of different immune cells, therefore in severe malnutrition both

innate and adaptive immune systems, as well as the gut mucosal immune system may not properly function.

Associate prof. Miklós Garami (2nd Department of Pediatrics, Semmelweis University) continued with an interactive presentation on the human bone marrow and its malignant disorders. The elementary school students and their teachers learned the physiology and pathophysiology of the human bone marrow. Moreover, the audience received video presentation about the bone marrow aspiration, too. Leukemias are characterized by abnormal proliferation of undifferentiated and nonfunctional hematopoietic blasts in bone marrow accompanied by injured production of normal blood cells. Clinicals signs, diagnostic procedure and treatment modalities has been presented and discussed in detailed. Presentation has been followed by an interactive Q&A session as a chance to engage with the audience and clarify any topics in the presentation may have skipped or touched on briefly.

Katalin Haraszti & László Maródi

Miklós Garami presenting his paper and András Arató chairing the session.

TASHKENT, UZBEKISTAN OCTOBER 14-15

Host: Umida Nabieva & Adolat Ismailova
Venue: Academy of Sciences of the Republic of Uzbekistan, Institute of Immunology and Human Genomics
Topic: Immunological basis of medicine – PID

Organizer: Institute of Immunology and Human Genomics

Coordinators and speakers: Nabiyeva Umida and Ismailova Adolat made a report at the regular Academic Council of the Institute

PROGRAM

On the first day of the conference on October 14, 2021, according to the agenda, 2 reports were heard from our Institute:

1. Nabiyeva Umida Pulatzhanovna - “Autoimmunity and COVID-19”, Doctor of Medical Sciences, Head of the Laboratory of the Institute of Immunology and Human Genomics of the Academy of Sciences of the Republic of Uzbekistan, Tashkent, Uzbekistan

2. Ismailova Adolat Abdurahimovna - "The current state, diagnosis and treatment of primary immunodeficiencies in Uzbekistan: some successes, difficulties, prospects", MD, prof., head. Laboratory of the Institute of Immunology and Human Genomics of the Academy of Sciences of the Republic of Uzbekistan, Tashkent, Uzbekistan

From abroad, the following reports were presented:

1. Simbirtsev Andrey Semenovich - "Immunopathogenesis and immunotherapy of coronavirus infection", corresponding member, prof. head otd. Institute of Highly Pure Biopreparations St. Petersburg, Russia

2. Karaulov Alexander Viktorovich - “Immunological aspects of the severe course of COVID-19”, Ph.D. Russian Federation, Doctor of Medical Sciences, Acad. RAS, head of department Clinical Immunology and Allergology MMA, Moscow, Russia

3. Tuzankina Irina Alexandrovna - "Congenital Immunity Errors" Ph.D. Russian Federation, Doctor of Medical Sciences, Professor, Institute of Immunology and Physiology, Ural Branch of the Russian Academy of Sciences, Yekaterinburg, Russia

4. Belevtsev Mikhail Vladimirovich - "Problems of early detection of patients with primary immunodeficiencies", Ph.D., Deputy Director for Research, State Institution "Republican Scientific and Practical Center for Pediatric Oncology, Hematology and Immunology", Minsk, Republic of Belarus

5. Zharankova Yulia Sergeevna - "Autoinflammatory syndromes: classification, modern approaches to diagnosis and treatment", immunologist, State Institution "Republican Scientific and Practical Center of Oncology, Hematology and Immunology", Minsk, Republic of Belarus

6. Shitikova Maria Grigoryevna - "Primary immunodeficiencies with impaired antibody production." doctor of laboratory diagnostics, State

Institution "Republican Scientific and Practical Center for Pediatric Oncology, Hematology and Immunology", Minsk, Republic of Belarus

7. Nurpeisov Tair Temyrlanovich - "Hereditary Angioedema Department" Head of the Republican Allergological Center of the Research Institute of KiVB of the Ministry of Health of the Republic of Kazakhstan, Head of the Allergology and Clinical Immunology Course of KazMUNO, Chief Freelance Allergist of the Ministry of Health of the Republic of Kazakhstan and Almaty

Mikhail Belevtsev, Maria Shitikova, Umida Nabieva, Angelika Solntseva, Tair Nurpeisov

SUMMARY

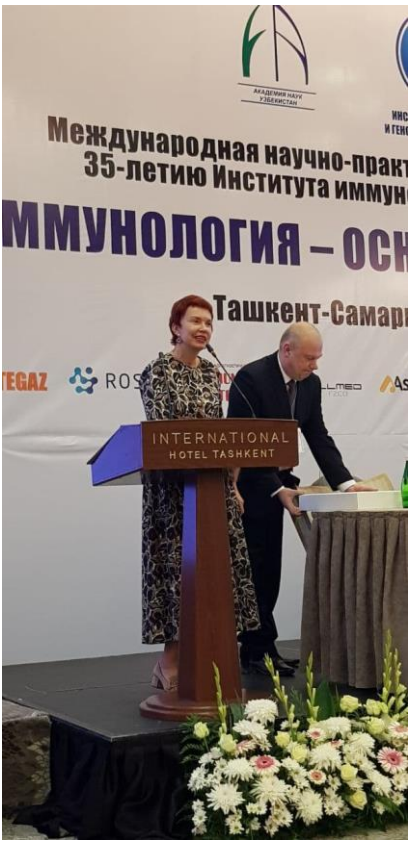
At the conference, which was held for two days (October 14 and 15) in Tashkent, more than 290 participants took part in a mixed format (online + offline), 26 of which were foreign guests, the rest of the guests were faculty medical institutes, masters, as well as doctors of practical health care. The conference proceedings included 42 articles and 31 abstracts.

Umida Nabieva

Tair Nurpeisov (speaker), Adolat Ismailova and Tamara Aripova (chairs)

Tamara Aripova (speaker) and Alexander Karaulov (chair)

Международная научно-практическая конференция, посвященная
35-летию Института иммунологии и геномики человека АН РУз
«ИММУНОЛОГИЯ – ОСНОВА МЕДИЦИНЫ XXI ВЕКА»
Ташкент-Самарканд 14-16 октября 2021 г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VILNIUS, LITHUANIA — OCTOBER 15

Host: Brigita Sitkauskiene
Venue: Vilnius University
Topic: PID Council Meeting

PROGRAM

Round table seminar of PID specialists „PID: past, present and future", Vilnius, in the frames of JMF, J Project, and PID centers

NB: MEETING SUMMARY OF THIS EVENT WAS NOT PROVIDED

SAMARKAND, UZBEKISTAN OCTOBER 16

Host: Umida Nabieva & Adolat Ismailova
Venue: Samarkand State Medical Institute
Topic: Immunological basis of medicine – PID

PROGRAM

The conference was held in Samarkand, at the Samarkand State Medical Institute on October 16. The following reports were presented:

1. Simbirtsev Andrey Semenovich - "Immunopathogenesis and immunotherapy of coronavirus infection", corresponding member, prof. head otd. Institute of Highly Pure Biopreparations St. Petersburg, Russia

2. Karaulov Alexander Viktorovich - “Immunological aspects of the severe course of COVID-19”, Ph.D. Russian Federation, Acad. RAS, head of department Clinical Immunology and Allergology MMA, Moscow, Russia

3. Tuzankina Irina Alexandrovna - "Congenital Immunity Errors" Ph.D. Russian Federation, Professor, Institute of Immunology and Physiology, Ural Branch of the Russian Academy of Sciences, Yekaterinburg, Russia

4. Ismailova Adolat Abdurahimovna - "The current state of diagnosis and treatment of primary immunodeficiencies in Uzbekistan: some successes, difficulties, prospects", MD, prof., head. lab. Institute of Immunology and Human Genomics, Academy of Sciences of the Republic of Uzbekistan, Tashkent, Uzbekistan

Umida Nabieva (left) and her guests in front of the Registan Historical Complex in Samarkand

SUMMARY

The meeting was attended by about 120 people, including the teaching staff of the institute, masters and students, as well as practical health care doctors. After the lectures, there was a heated discussion on the discussion of issues that arose among doctors. After the end of the conference and the presentation of certificates to the participants, the guests of the conference were offered an introductory tour of the ancient city.

Umida Nabieva

Khaitov Rahim Musayevich (screen). Chairing (L-R) Rizaev Zhasur Alimdzhanovich, Aripova Tamara Uktamovna, and Turdimov Erkinjon Okbutaevich Khokim

TERNOPIL, UKRAINE OCTOBER 21-22

Host: Oksana Boyarchuk
Venue: Online webinar
Topic: PID-COVID-19

MINISTRY OF HEALTH OF UKRAINE
I.HORBACHEVSKY TERNOPIL NATIONAL MEDICAL UNIVERSITY
in partnership with
UKRAINIAN ASSOCIATION OF PEDIATRIC IMMUNOLOGY
scientific-practical conference
"Medical and social problems of childhood"

PROGRAM

Regional J PROJECT
“Inborn errors of immunity: diagnosis and treatment”

Chairs: *Oksana Boyarchuk, Liubov Volianska*

Successes and challenges of primary immunodeficiencies diagnosis
Oksana Boyarchuk (Ternopil)

Newborn screening for lymphopenia in neonatal screening programs for genetic disorders
Halyna Makukh (Lviv)

Prevalence of severe combined immunodeficiencies in Eastern Europe
Svetlana Sharapova (Minsk)

Hereditary angioedema: diagnosis and treatment
Anastasia Bondarenko (Kiev)

Lymphopenia and microcephaly: a diagnostic algorithm

Tetyana Hariyan (Ternopil)

Cytopenia in newborns: Is it always immunodeficiency?
Natalia Yarema (Ternopil)

Hepatosplenomegaly in the pediatric practice
Oksana Boyarchuk (Ternopil)

Multisystem inflammatory syndrome associated with COVID-19 in Ukraine
Alla Volokha (Kiev)

COVID-19 in patients with primary immunodeficiencies: own experience (clinical cases)
Liubov Volianska, Viktor Mishchanchuk, Liubov Dmytrash (Ternopil)

Approaches to diagnosis of interstitial lung diseases in children
Tetiana Tkachova (Kiev)

Prevalence of selective immunoglobulin a deficiency in children with diabetes mellitus
Lesya Dobrovolska, Lesya Kachor (Ternopil)

Clinical features of COVID-19 in children
Olga Fedortsiv (Ternopil)

Lung ultrasound examination in children
Natalia Banadyga, Olga Dutchak, Nadiya Slastion (Ternopil)

Q&A session

(L to R): Oksana Boyarchuk, Ivan Klishch, and Lyubov Volyanska

SUMMARY

On October 21-22, 2021 the Regional J Project Meeting took place in I. Horbachevsky Ternopil National Medical University as a part of the National Research and Training Conference “Medical and Social Problems of Childhood”. The event was organized by the staff of the Department of Children’s Diseases and Pediatric Surgery (Head – Prof. Oksana Boyarchuk) in a partnership with Ukrainian Association of Pediatric Immunology (President – Prof. Liudmyla Chernyshova).

Svetlana Sharapova, Minsk

Due to quarantine restrictions, the meeting of scientists was held online. The conference brought together many scientists: pediatricians, general practitioners, immunologists, neurologists, physicians of other, as well as interns. A total of more than 300 participants from different parts of Ukraine and the world joined it.

Prof. Ivan Klishch, the Vice-Rector for Research, welcomed the participants of the conference on behalf of Prof. Mykhailo Korda, the Rector of TNMU.

Leading experts from Ukraine and the world: Kiev, Lviv, Minsk (Belarus) took part in the conference. Opening the first meeting, Prof. Oksana Boyarchuk, the Head of the Department of Children’s Diseases and Pediatric Surgery of I. Horbachevsky Ternopil National Medical University, made a report on the success and challenges of diagnosing inborn errors of immunity. She focused on the main achievements in the diagnosis of inborn errors of immunity, international cooperation and spoke about the pilot project on newborn screening of severe combined immunodeficiency in Ternopil Region of Ukraine, difficulties and ways to overcome them.

Halyna Makukh, the Head of the Laboratory of Genetic Research of the Institute of Hereditary Pathology of the National Academy of Medical Sciences of Ukraine, presented a report on “Newborn screening of lymphopenia in screening programs for new-borns with a genetic disorder”. She emphasized that the pilot projects are the basis for further implementation of mass neonatal screening.

Svitlana Sharapova, Senior Research Fellow of the Republican Research and Practice Centre for Pediatric Oncology, Hematology and Immunology (Minsk, Republic of Belarus), interested the audience with the report on “Prevalence of severe combined immunodeficiencies in Eastern Europe”.

Anastasia Bondarenko, Professor of the Department of Pediatric Infectious Diseases and Pediatric Immunology of the Shupyk National University of Health introduced a rare disease – hereditary angioneurotic oedema, its diagnosis and treatment to the conference participants.

Prof. Alla Volokha, the Head of the Department of Pediatric Infectious Diseases and Immunology of the Shupyk National University of Healthcare of Ukraine, covered the problem of multisystem inflammatory syndrome associated with COVID-19 in Ukraine in her report.

The report “COVID-19 in patients with primary immunodeficiencies: our experience” was presented by Liubov Volianska, Associate Professor of the Department of Children’s Diseases and Pediatric Surgery of TNMU and Viktor Mishchanchuk, the 2nd-year intern.

Other reports were devoted to “Lymphopenia and microcephaly: an algorithm for diagnostic search”, “Cytopenia in the neonatal period: is it always immunodeficiency?”, “Approaches to the diagnosis of interstitial lung diseases in children”.

The format of the videoconference allowed the participants not only to present their scientific achievements, but also at the same time was a platform for scientific discussion, joint watching and fruitful discussion of videos and presentations.

Oksana Boyarchuk

Halyna Makukh, Lviv

VILNIUS, LITHUANIA — OCTOBER 22

Host: Brigita Sitkauskiene & Violeta Kvedariene
Venue: Vilnius University, Aula Parva
Topic: International Hybrid Conference „Allergology and Immunology 2021”

Organizers:

Prof. Violeta Kvedariene, MD, PhD (Vilnius University; President of Lithuanian Association of Allergy and Asthma)

Prof. Brigita Sitkauskiene, MD, PhD (Lithuanian University of Health Sciences, Kaunas; J Project leader in Lithuania)

PROGRAM

Scientific session of young researchers

Immune system evaluation in children with recurrent respiratory infections
Ligita Pilkyte, Edita Gasiuniene (Lithuania)

Exogenous alveolitis: case report
Margarita Buchovskaja, Virginija Sileikiene (Vilnius)

Immune status in atopic dermatitis and celiac disease
Indre Dainyte, Vilte Marija Gintauskiene (Lithuania)

Vitamin D receptor gene polymorphisms and atopy
Daina Bastyte, Laura Tamasauskiene, Ieva Golubickaite, Rasa Ugenskiene, Brigita Sitkauskiene (Lithuania)

Brigita Sitkauskiene chairing the session and Violeta Kvedariene giving presentation

COVID-19 and vaccination: what we need to know
Paulina Petraityte, Violeta Kvedariene (Vilnius)

Immune response of kidney transplant recipients to the COVID-19 mRNA vaccine
Dovydas Bagdonas, Ruta Vaiciuniene, Brigita Sitkauskiene (Lithuania)

Convalescent plasma for the treatment of patients with severe COVID-19: a single-center experience
Justina Sematonyte, Ieva Bajoriuniene, Brigita Sitkauskiene (Lithuania)

Plenary session

Evaluation of molecular components in severe cases of allergy
Alla Nakonecna (Liverpool, UK)

Specific immunotherapy
Enrique Fernandez-Caldas (Florida, USA)

Consultations of allergologist-clinical immunologist during COVID-19
Violeta Kvedariene (Vilnius)

Mobile technology in COVID-19
Jean Bousquet (Berlin, Germany and Montpellier, France)

SUMMARY

The Conference was organized in collaboration of Lithuanian Association of Allergy and Asthma, Institute of Biomedical Sciences, Vilnius University, and Department of Immunology and Allergology, Lithuanian University of Health Sciences (Kaunas). This hybrid international event attracted more than 150 participants. Medical specialists of any profile (physicians, nurses, biologists, etc.), young researchers, students took part in the Conference. The overarching goal of this joint event was to promote scientific research and discourse on the topic of primary immunodeficiency and other related immune disorders. As clinical experience with SARS-CoV-2 in *primary immunodeficiency* diseases remains limited, several presentations were exclusively dedicated to the problems induced by the COVID-19 pandemic.

Brigita Sitkauskiene

ANTALYA, TURKEY — OCTOBER 24

Host: Ismail Reisli
Venue: Xanadu Resort Hotel, Antalya
Topic: The approach to patients with recurrent infections and suspected PIDs

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The JP Meeting

A joint Event of J Project and II.International Child and Maternity Congress

Primary Immunodeficiency in Children

Organization

Prof İsmail Reisli

Communication

Prof. Ismail Reisli, MD
Necmettin Erbakan University
Konya, TURKEY
ireisli@hotmail.com

Date: October 24, 2021

Hour: 10:00 AM-11:00 AM

Venue: Xanadu Resort Hotel
Antalya

MODERATOR **Emine Dibek Mısırlıoğlu**

10:00 AM	**WELCOME** Emine Dibek Mısırlıoğlu Ismail Reisli
10:05 AM	**The J Project Meetings in Turkey** Ismail Reisli
10:15 AM	**Primary Immunodeficiency in Children** **Ismail Reisli**
10:45 AM	**DISCUSSION**

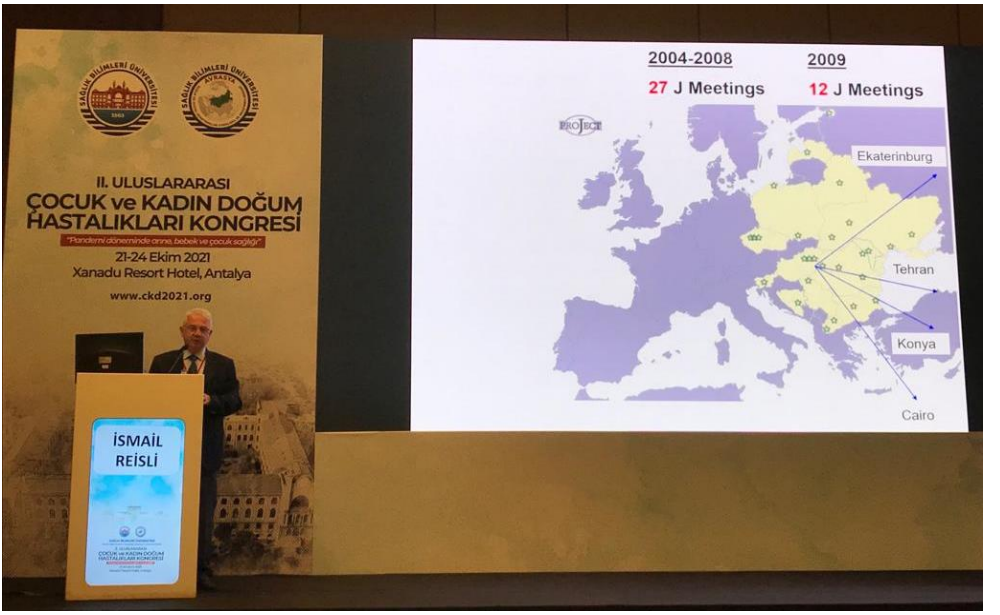
SUMMARY

This J Project Meeting was co-organized with the University of Health Sciences and Necmettin Erbakan University on behalf of Clinical Immunology Society in Antalya during 2nd Child and Maternity Congress to mention on primary immunodeficiency (PID) diseases in children among pediatricians. The main topics were 'J Project Meetings in Turkey and The PID in children'. This Meeting was held on October 24, 2021 and the moderators of the J Project were Prof Emine Dibek Mısırlıoğlu from University of Medical Sciences and Prof Ismail Reisli from Necmettin Erbakan University. After Prof Mısırlıoğlu open the J Project Meeting, Prof Reisli gave a talk on the history of J Project Meetings in Turkey and his lecture about the approach to a children with recurrent infections and the PID in children. There were 20 participants attended this J Project Meeting during Congress and also sixty participants attended as online. The participants discussed the importance of early diagnosis and early treatment of the children with PID.

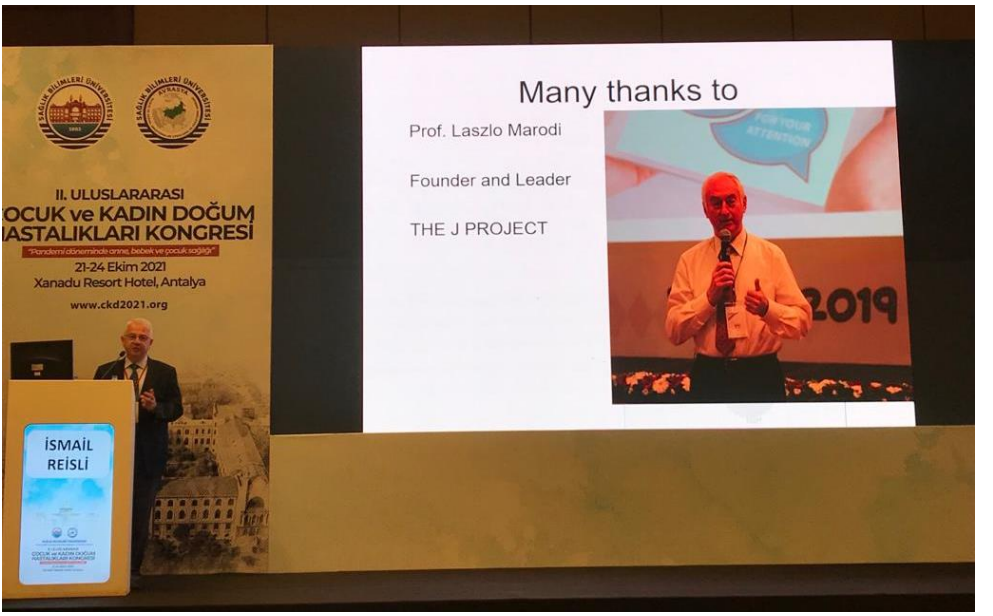
I would like to thank to Prof Şirin Güven from University of Health Sciences for her kind invitation and all participants for their participation to this J Project Meeting, and also thank to Dem Drug Company (Pharmada) from Turkey for their sponsorship to make this organization possible.

Ismail Reisli
Leader of the J Daughter Anatolia Project
Konya-Turkey

Emine Dibek Mısırlıoğlu and Ismail Reisli, moderators and the participants of J Project Meeting



Ismail Reisli: primary immunodeficiency diseases and the birth of the J Daughter Anatolia Project in 2009



Ismail Reisli: the history of the J Project

CHISINAU, REP. OF MOLDOVA OCTOBER 27

Host: Svetalana Sciuca
Venue: Nicolae Testemiţanu State University of Medicine and Pharmacy, Chisinau,on-line meeting
Topic: Respiratory infections in children in the COVID-19 pandemic

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PROGRAM

Moderator: *Svetlana Sciuca*, Professor, PhD, Head of Pulmonology Clinic, Nicolae Testemiţanu State University of Medicine and Pharmacy

Acute respiratory infections and SARS-CoV-2 infection in children
Svetlana Sciuca

Clinical and exploratory features in children with symptomatic forms of COVID-19 infection
Diana Rotaru-Cojocari, Veaceslav Bozadji, Rodica Selevestru

Respiratory syndromes in SARS-CoV-2 infection in children
Svetlana Sciuca

Lung damage in COVID-19 infection in children with pulmonary dysplasia *Aliona Cotoman*

Cystic fibrosis and COVID-19 infection in children
Ludmila Balaneţchi, Svetlana Sciuca

SARS-CoV-2 infection in children with primary immunodeficiency (clinical case)
Cristina Tomacinschii

Post-COVID lung disease in children
Rodica Selevestru, Svetlana Sciuca

Bronchoobstructive syndrome in children and COVID-19 infection
Svetlana Şciuca

Therapeutic approaches in bronchoobstructive disorders in children
Ilie Spânu

SUMMARY

As the COVID-19 pandemic continues and news of SARS-CoV-2 infection appears with rapid steps, an online meeting was held on October 27 to discuss these issues. Through the collaboration of specialists from the "Nicolae Testemitanu" University of Medicine and Pharmacy and the Institute of Mother and Child, Chisinau were made presentations that presented the current information in the pandemic situation for pediatricians, family doctors, pulmonologists, residents, students, managing to gather an audience of 300 people.

At the moment within the Institute of Mother and Child, is active a ward for the care of children with symptomatic forms of COVID-19 infection, including the intensive care unit for serious cases, the doctors from this section were present and related about their experience.

Prof. Sciuca, the moderator of the event, came up with a series of presentations about the involvement of SARS-CoV-2 infection in lung damage, about the most common syndromes and the management of these situations. She pointed the association of COVID-19 infection with other infections, especially viral ones associated with the cold season. She presented differential diagnosis schemes between SARS-CoV-2 infection and other viruses, promoting influenza vaccination in addition to COVID vaccination.

The most affected by the pandemic situation are the immunocompromised patients, being difficult their access to medical services, at the same time they are in the risk group for severe forms.

Thus, during the conference, clinical cases of children with primary and secondary immunodeficiencies and COVID-19 infection were presented, describing in detail the steps they took from primary medicine to hospitalization, being subsequently monitored in the Pneumonology Clinic. The PhD students of the Pneumology Clinic (Cotoman Aliona and Balanețchi Ludmila) came with case presentations of children with cystic fibrosis, bronchopulmonary dysplasia, as well as information from the latest studies on these topics.

Cristina Tomacinschii, PhD student, presented the case of a child with primary immunodeficiency and COVID-19, detailing the investigations and the treatment administered. He also presented epidemiological data from abroad, explaining that this diversity of hospitalization and mortality rates in various studies may be associated with the fact that PIDs are a very heterogeneous group of diseases, and the severity varies quite a bit with PID-related comorbidities.

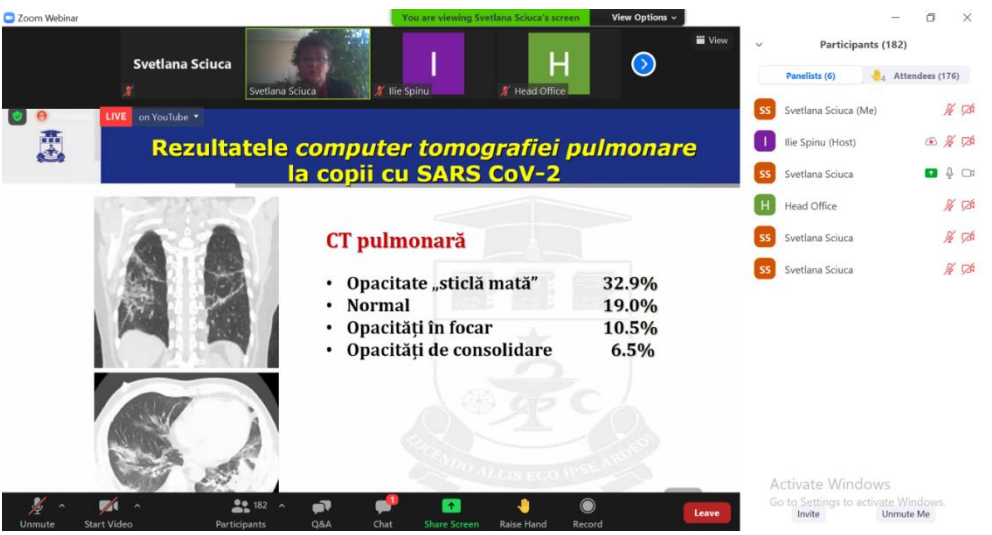
Discussions were not limited to COVID-19 infection, but also to its consequences, especially post-COVID lung damage, being made a

comparison between the cases and data of the literature and the cases in our section by Rodica Selvestru, the doctor who fights for the good of children with SARS-CoV-2.

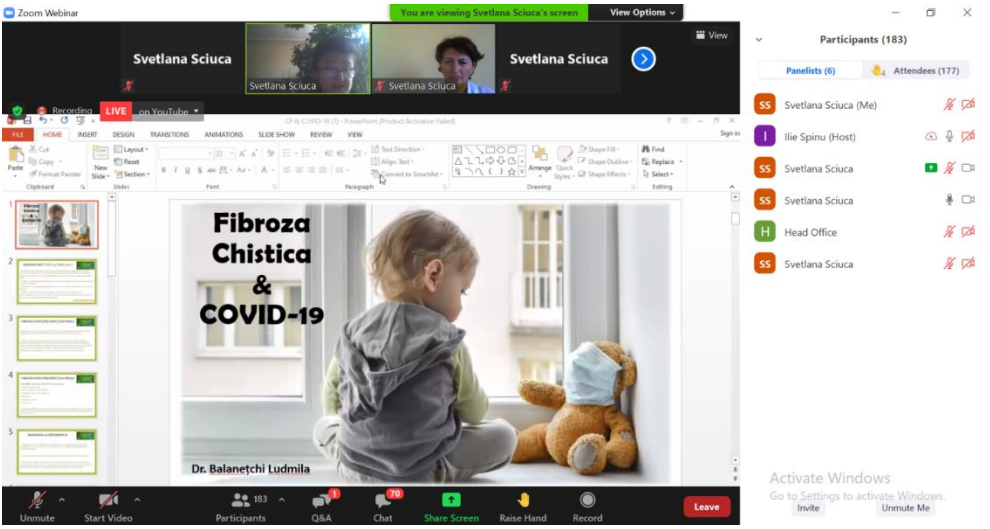
Of course, all these presentations were accompanied by questions and discussions, commented on and answered coherently by the whole team of rapporteurs.

Svetalana Sciuca

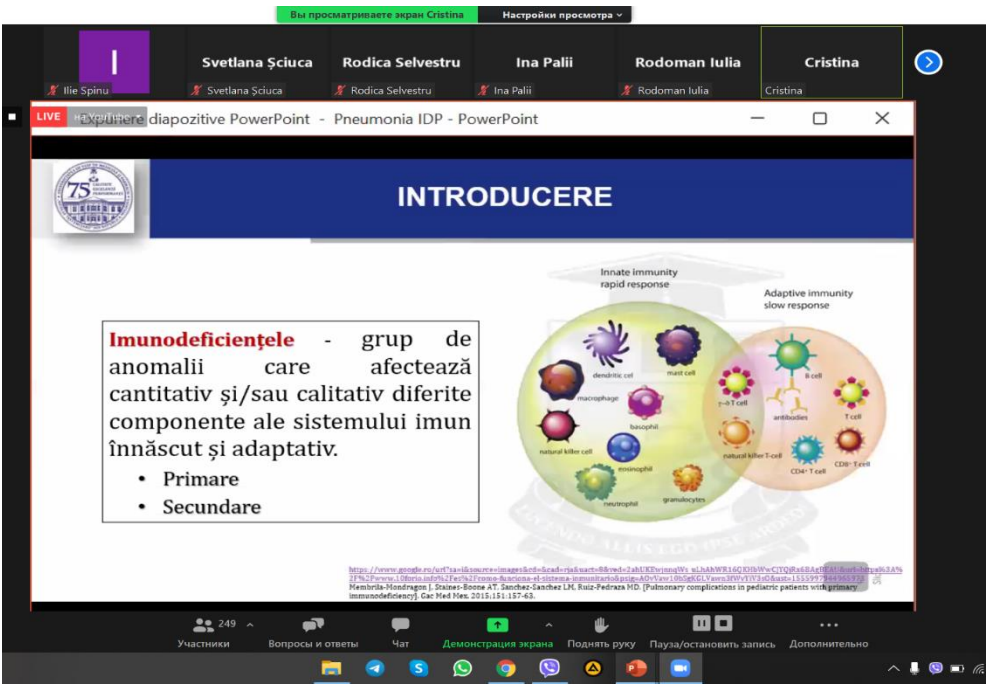
Epidemiological data on COVID-19 infection presented by Svetlana Sciuca



CT images of children from the COVID-19 ward,
speaker Svetlana Sciuca



Cystic fibrosis and SARS-CoV-2 infection presented by Balanețchi Ludmila, PhD student



Cristina Tomacinschii, PhD student, presented the case of a child with primary immunodeficiency and COVID-19

VLADIVOSTOK, RUSSIA — OCTOBER 28

Host: Galina Tcyvkina
Venue: Hotel "Azimut"
Topic: Primary immunodeficiencies

Federal state budgetary educational institution of higher education "Pacific state medical University" of the Ministry of health of the Russian Federation
Department of health of Primorye territory
State Autonomous healthcare institution regional clinical center for specialized types of medical care
Regional clinical center Allergology and immunology

Primorsky branch of the Union of pediatricians of Russia
Primorsky regional branch of the Russian Association of allergists and clinical immunologists (RAACI)

PROGRAM

Andrey Prodeus, Chief Freelance Children's allergist-immunologist of the Ministry of Health of the Moscow Region, chief pediatrician of the Children's City Clinical Hospital No. 9 im G.N. Speransky
Long-term prevention of hereditary angioedema (HAE is no longer "curse of fate", thanks to modern approaches to treatment).

Galina Tsyvkina, head of the Regional Center for Clinical Allergology and Immunology GAUZ KKTs SVMP, candidate of medical sciences, associate professor

Early diagnosis of primary immunodeficiencies: criteria for success of therapy and successful outcome. Analysis of clinical cases.

Galina Tsyvkina, head of the Regional Center of Clinical Allergology and Immunology GAUZ KKTs SVMP, candidate of medical sciences, associate professor

Galina Lutsenko, head of the inpatient department of the Regional Center of Clinical Allergology and Immunology, GAUZ CCC SVMP, allergist-immunologist

Natalia Grigoryeva, head of KPO RTSKAI, allergist-immunologist

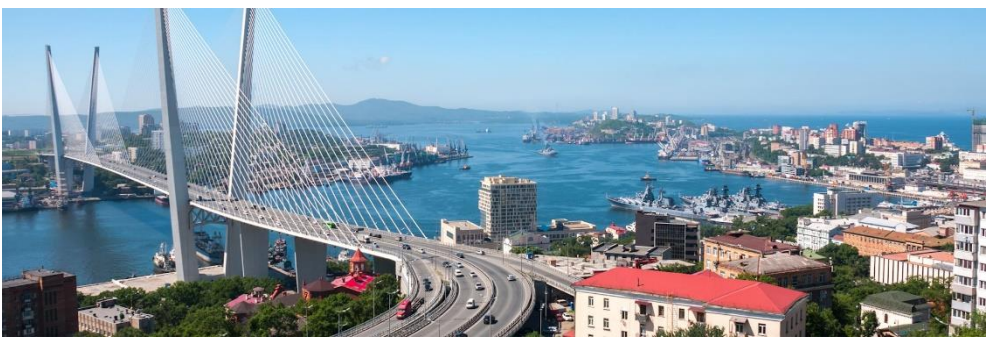
Congenital errors of immunity. Prematurity - early childhood mortality.

Irina Tuzankina, Chief Researcher, Laboratory of Immunology Inflammation Institute of Immunology and Physiology, Ural Branch of the Russian Academy of Sciences, chief pediatric immunologist of the Ministry of Health of the Sverdlovsk Region, Prof., ZDN RF, head affiliated project JProject for Central Asia

SUMMARY

On October 28, 2021 a meeting was organized in Vladivostok by the Primorsky Regional Department of the Russian Association of Allergists and Clinical Immunologists (RAACI) in round table format. The main topic was: "Long-term prevention of HAE". The meeting was attended by medical doctors, including allergists- immunologists, pediatricians and therapists.

Galina Tcyvkina



Bridge over the Golden Horn Bay in Vladivostok

SKOPJE, MACEDONIA NOVEMBER 1

Host: Kristina Mironska
Venue: Online webinar
Topic: PID-MIS-C

PROGRAM

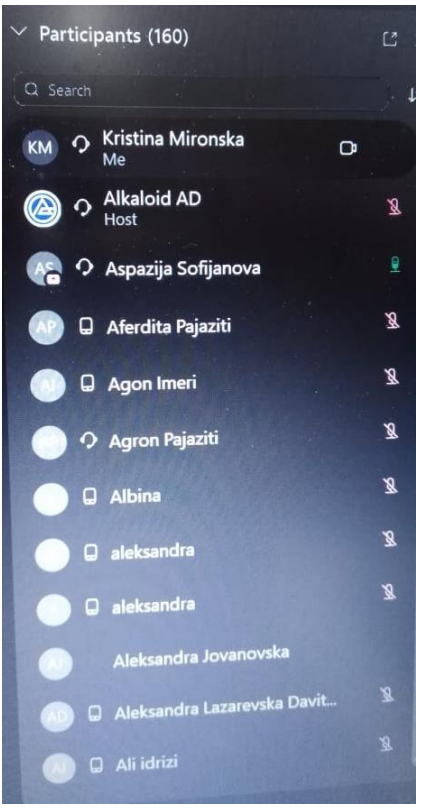
SUMMARY

Initially, on the beginning of the Covid-19 pandemic, SARS-CoV-2 infection had been reported as a relatively milder case in children than in adults. Already in April, more severe cases were reported, as a potentially serious illness in children that appears to be a delayed, post-infectious complication of COVID-19 infection.

Later on, during the fall of 2020, we got a subset of appeared children who developed severe clinical manifestations, with significant systemic inflammatory response, 4-6 weeks after the Covid-19 infection, resembling atypical/ typical Kawasaki`s disease (KD) or toxic shock syndrome, but already recognized as multisystem inflammatory syndrome in children(MIS-C) with a predominance of gastrointestinal symptoms, hemodynamic instability, and myocardial dysfunction. These patients, from all over our country, were mainly admitted and treated at our University Clinic for Children's Diseases (UCCD) in Skopje. Still unclear pathophysiological mechanisms of occurrence as a post-viral immunological reactions, opened the need for early recognition, explanation, discussion and decision-making for multispecialty care, management and treatment, especially for the children who had some kind of immunodeficiency.

That was the motiv for us to organize our J Project meeting on the topic : “MIS-C related SARS- CoV -2 infection in childhood”. After the short introduction about the importance of the existence of the J Project by the moderator of the meeting Prof. Mironska, the Director of UCDD, Prof. Sofijanova introduced the audience to the epidemiology of Covid - 19 in the world and especially in our country. Prof. Mironska tried to give a compilation of many newly published insights as the explanations for the delayed immune inflammatory response to the coronavirus that somehow goes into overdrive (with excessive activity) causing inflammation that damages organs. Special light was shed on the latest discoveries by the Covid Human Genetic Effort (CHGE) international consortium (in which we also participate), led by Prof. JL Casanova, whose basic mission is to discover the human genetic and immunological bases of the various clinical forms of SARS-CoV-2 infection.

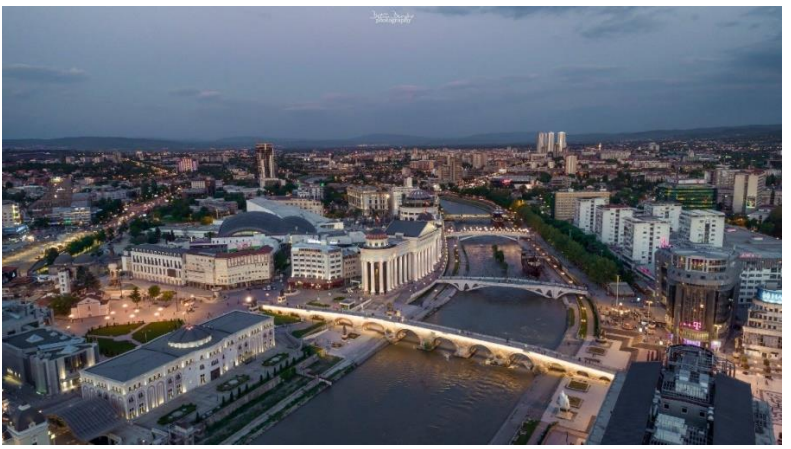
Review of all the clinical features in children with MIS, published in the literature, were presented by Dr. Hasani. During her lecture, Dr. Hasani presented our experience in a study of 18 children with MIS-C who were hospitalized and treated at our Immunology Department at the UCCD. Prof. Stavric spoke about the world doctrinal views and recommendations for



treatment of MIS-C, treatment opportunities and treatment guidelines in our country, but of course emphasizing the need for an individual approach to each patient with MIS-C separately. Finally, Prof. Kareva presented one of our patients with MIS-C, an 11 year old boy with MIS-C, who presented acute phlegmona of the appendix for which he undergoes appendectomy, accompanied with acute pancreatitis. These manifestations of MIS-C in our patient resolved without additional complications after a 2 month follow up.

After the extensive lectures and approach from all aspects to the MIS-C entity after infection with SARS-CoV-2, a fruitful discussion followed with questions and comments from the listeners. 160 participants participated in this J Project meeting. This large turnout was due to the on-line meeting, so colleagues did not have to travel and waste their time -the only positive thing that exactly came out of the Covid-19 pandemic – easier organization and possibility of massively participation on the "on-line" meetings.

Kristina Mironska



Bridges on Vardar River in Skopje

CHISINAU, REP. OF MOLDOVA NOVEMBER 4

Host: Svetalana Sciuca
Venue: Nicolae Testemiţanu State University of Medicine and Pharmacy, Chisinau, on-line meeting
Topic: Cough syndrome in respiratory diseases and COVID-19 infection

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PROGRAM

Moderator: *Svetlana Sciuca*, Professor, PhD, Head of Pulmonology Clinic, Nicolae Testemiţanu State University of Medicine and Pharmacy

Respiratory infections in children - pathogenic approaches to cough syndrome
Svetlana Sciuca

SARS-CoV-2 infection - manifestations in children with symptomatic forms
Diana Rotaru-Cojocari, Veaceslav Bozadji, Rodica Selevestru

Impairment of the respiratory system in COVID-19 infection in children at various stages of the disease
Svetlana Sciuca

COVID-19 infection and the child with primary immunodeficiencies
Cristina Tomacinschii

Chronic cough in children - diagnostic and therapeutic algorithm
Svetlana Sciuca

Rhinosinusal pathology - impact on the lower respiratory tract
Elena Tudor

Treatment of cough syndrome in respiratory infections in children and adults
Veronica Odobescu

SUMMARY

On November 4, took place through the Zoom platform the conference on ”Cough syndrome in respiratory diseases and COVID-19 infection” organized by Pneumology Clinic of Institute of Mother and Child headed by Svetlana Șciuca.

The event brought together pediatricians, infectious disease specialists, family doctors, residents interested in news on COVID-19 and cough syndrome

That scientific conference will serve as a theoretical support for physicians in the management of the patient with Covid-19 and other comorbidities, including and the primary immunodeficiencies.

This event was inside the collaboration with J Proiect.

Prof. Svetlana Șciuca, head of the Pneumology Clinic presented the latest data about the pathogenetic mechanisms of SARS-CoV-2 infection and the multisystemic implications of the pathology in pediatrics. At the same time, she pointed out about the burden of respiratory infections in children, about how difficult it is to approach them now during the pandemic. Prof. Sciuca described in detail the clinical manifestations with highlights peculiarities characteristic of pediatric age, the differential diagnosis, coming with diagnosis and treatment algorithms.

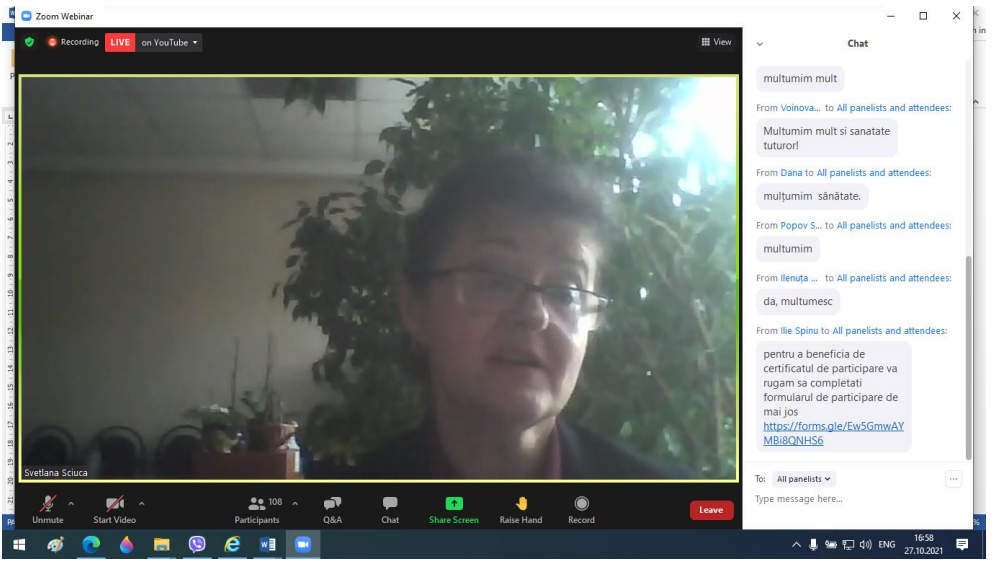
Dr. V. Bozaji, head of COVID-19 ward, and Diana Rotari, PhD student presented the most current epidemiological data regarding COVID-19 among children, as well as conduct algorithms in the management of these patients, according to national guidelines and protocols. The doctors came up with clinical cases of COVID-19 patients successfully solved by

involving the multidisciplinary team of specialists from the Institute of Mother and Child.

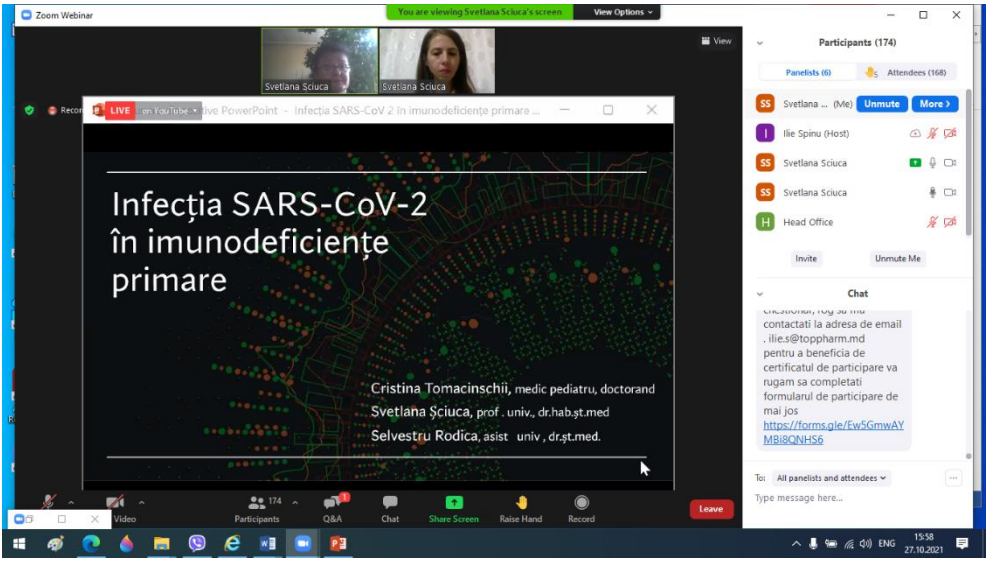
PhD student, Cristina Tomacinschii noted that in patients with PID, the course of COVID-19 can range from asymptomatic to severe, including death. Few studies have evaluated the clinical course of COVID-19 in patients with IDP, not reporting a severe and complicated course of COVID-19 in this patient population. Of note, several recent studies have identified that lymphopenia with a prominent decrease in T cell count (mainly cytotoxic CD8 + T cells) is associated with severe COVID-19 status and mortality. It has been discussed that even though cases of Covid-19 in immunocompromised patients are not so common, these patients are at risk group and are recommended to strictly follow national recommendations to reduce the risk of infection. At the same time, these patients should not discontinue regular medication to avoid complications and exacerbations. First of all, it is absolutely necessary to continue the substitution treatment with intravenous immunoglobulin.

Dr. Elena Tudor, associate professor, PhD pointed out in detail the involvement of rhinosinusal pathology in cough syndrome, the symptoms that should warn us, and how they should be managed by family doctors and later in medical institutions.

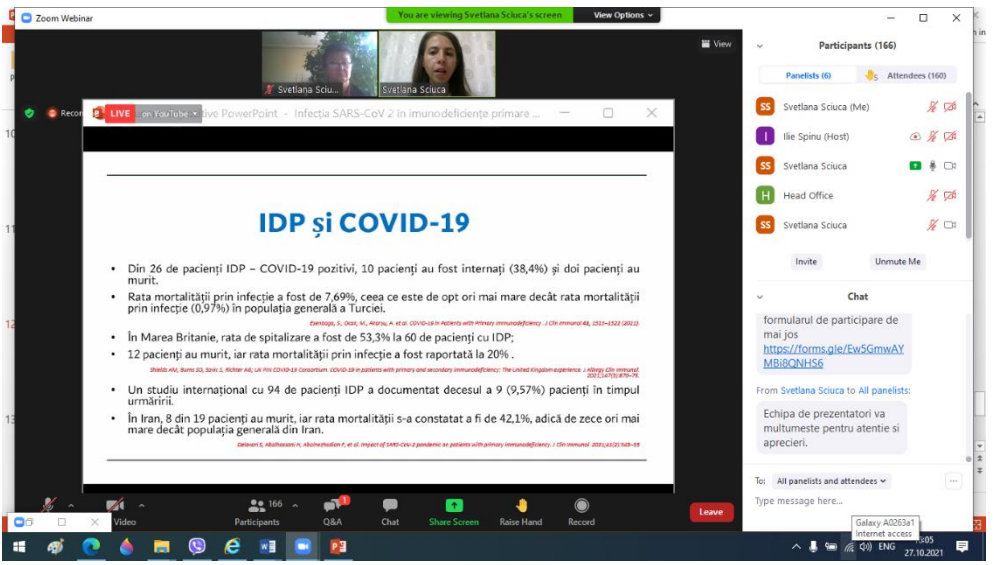
Svetalana Sciuca



Svetlana Sciuca, Leader of the J Project in the Rep.of Moldova



Cristina Tomacinschii – COVID-19 infection and the child with primary immunodeficiencies



PRISTINA, KOSOVO NOVEMBER 5

Host: Vlora Ismaili-Jaha
Venue: Emerald Hotel
Topic: Primary immunodeficiencies

PROGRAM

Association for Rare Diseases-Kosovo
Primary Immunodeficiencies, 4-th Meeting

Opening
Dr. Shqipe Spahiu - President of the Association for Rare Diseases -Kosovo
Prof. Asoc. Dr. Ramush Bejiqi - President of the Association of Pediatricians of Kosovo
Dr. Burbuqe Skenderi - President of the Association of Neonatologists of Kosovo
Prof. Ass. Vlora Ismaili-Jaha - J Project Kosova

FIRST SESSION

Moderators: Violeta Grajçevci-Uka, Valon Krasniqi

Primary immunodeficiencies-our experience
Shqipe Spahiu-Konjusha (Kosovo)

Nonspecific immunity in children
Gjerogjina Kuli-Lito (Albania)

Neutropenia Management in Children with Cancer
Violeta Grajcevci-Uka (Kosovo)

Chronic Granulomatous disease
Shëndvere Hasani (Kosovo)

SCID
Zamira Ylli (Albania)

PFAPA
Petrit Gjaka (Kosovo)

Questions and Discussions

SECOND SESSION

Moderators: Vlora Ismaili-Jaha, Shëndvere Hasani

Management of childhood allergies and immunodeficiencies during the epidemic with Respirator virus - Pandemic with Covid 19
Valon Krasniqi (Kosovo)

Pulmonary manifestations of Primary Immunodeficiencies
Drita Telaku-Qosaj (Kosovo)

Immunogenetics of human herpes virus infections
Shen-Ying Zhang (New York, USA)

Imerslund-Grasbeck Syndrome
Sonila Borici (Albania)

Primary Neutrophil Immunodeficiencies - Chronic Granulomatous Disease
Arbana Baloku-Zejnullahu (Kosovo)

Agamaglobulinemias
Alije Keka Sylaj (Kosovo)

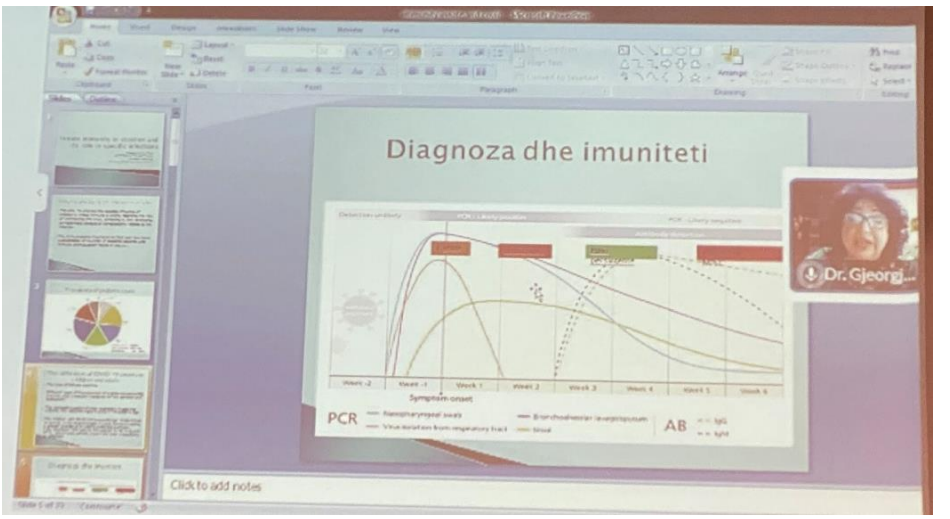
Hemophagocytic syndrome (Kosovo)
Albana Xani (Kosovo)

Questions and discussions

SUMMARY

On November 5th, 2021 we held the 4th Meeting on Primary Immunodeficiencies of the Kosova Association for Rare Diseases and J Project Kosova. More than 100 participants were present on the site and on line. Thirteen lectures were presented, including those of the colleagues from Albania. Thanks to assistance of Prof. László Maródi, we were honored with a lecture from Prof. Shen Ying Zhang on Immunogenetics of human herpes virus infections.

Vlora Ismaili-Jaha



Online presentation by Georgina Kuli-Lito

Shquipe Spahiu-Konjusha (L) and Albana Xani

Vlora Ismaili-Jaha

KIEV, UKRAINE NOVEMBER 11-12

Host: Alla Volokha
Venue: Shupyk National Healthcare University
Topic: Infection and immunity in PID

PROGRAM

NOVEMBER 11

Opening
Welcome speech of Viktor Liashko, Ministry of Health

Plenary session "COVID-19 in children. Update".
Moderator: *Alla Volokha*

Trust and knowledge about vaccination as important factors in the successful implementation of new vaccines
Fedir Lapiy

COVID-19/PIMS in children.
Alasdair Bamford, London

COVID-19 in hospitalized children in Kiev
Anastasia Bondarenko

Multisystem Inflammatory syndrome in children, associated with COVID-19
Alla Volokha

Overview of the Mendelian susceptibility to infectious diseases
Emmanuelle Jouanguy, Paris

Vaccination against COVID-19, mRNA vaccine
Yuriy Stepanovskyy

Vaccine summit GSK

Patients with COPD and asthma: vulnerability to pertussis
Dirk Pollart

From parental fears to trust in vaccination
Michael Horn

Session Answers to Questions
Natalia Vasetskaya, Dirk Pollart, Michael Horn

Session "Genetic susceptibility to viral infections"
Moderator: *Alla Volokha*

Genetic susceptibility to herpetic and enteroviral encephalitis
Shen-Ying Zhang, New York

Genetic susceptibility to papillomavirus infection
Oksana Boyarchuk

Genetic and immunological susceptibility to severe COVID-19
Paul Bastard, Paris and New-York

Genetic susceptibility to EBV infection
Alla Volokha

NOVEMBER 12

Session “Challenges of bacterial infections”
Moderator: *Alla Volokha*

New European standards for the definition of antibiotics resistance. Experience and results of implementation
Valentina Yanovska

Antimicrobial stewardship
Orlagh McGarrity, London

Immunoprophylaxis of pneumococcal infection
Anna Hilfanova

Influenza vaccination during the COVID-19 pandemic
Alla Volokha

Management of meningococcal infection in Ukraine: from suspicion and verification to prevention
Anna Gilfanova, Irina Nezgoda, Oksana Holovnia, Valentina Lipchanchuk

Session "The role of the Ukrainian Association of Pediatric Immunology in solving problems in medicine",
Moderator: *Yuriy Stepanovsky*

Surveillance of rotavirus infection in Ukraine
Lyudmila Chernyshova

WHO Project "Advocacy campaign for primary care providers to support immunization during the COVID-19 pandemic"
Fedir Lapiy

Experience of intravenous immunoglobulin use in patients with primary immunodeficiency in Ukraine
Anastasia Bondarenko

RAPID Project (Early Diagnosis of Primary Immunodeficiency)
Yuriy Stepanovsky

Laboratory diagnosis of hereditary angioneurotic edema. Joint project of NGO of Pediatric Immunology and Laboratory DILA to study the prevalence of HAE in Ukraine.
Anastasia Bondarenko

Study "Epidemiological study of nasopharyngeal carriage of S. pneumoniae in children"
Alla Volokha

Immunoglobulin replacement therapy. Advantages of subcutaneous immunoglobulin.
Larisa Kostyuchenko

WHO Section
Moderator: *Fedir Lapiy*

WHO Recommendations on COVID-19. Vaccines and Best Practices for COVID-19 Vaccination in the WHO European Region.
Lyudmila Mosina

Vaccine-preventable infections in Ukraine during the COVID-19 pandemic
Irina Kolesnikova

The state of polio eradication in the world
Dmitry Stepansky

Contraindications to vaccination against COVID-19
Fedir Lapiy

WHO resources for vaccination of health workers against COVID-19
Eugene Grechukha, Stanislav Gaevsky

SUMMARY

On November 11-12, Kiev hosted a scientific conference "Infections and Immunity", which was organized by the Department of Pediatric Infectious Diseases and Pediatric Immunology of the Shupyk National Healthcare University together with the Ukrainian Association of Pediatric Immunology with the support of the WHO Office in Ukraine.

Data of COVID-19 study in children and multisystem inflammatory syndrome (MIS-C) were presented by organizers of the Meeting. Alasdar Bamford, a leading pediatric infectious disease specialist from Great Ormond Street Hospital, London, shared his experience regarding treatment of pediatric COVID-19 and MIS-C with us.

As part of the J Project, a very exciting session was held on genetic susceptibility to infectious diseases with focus on the susceptibility to viral infections. New research data about the monogenic defects of immune system with severe life-threatening infections, including COVID-19, were presented by Emmanuelle Jouanguy, Shen-Ying Zhang and Paul Bastard from Laboratory of Human Genetics of Infectious Diseases, Imagine Institute, Paris, France and Rockefeller University, New York.

Very actual topic was presented by Orlagh McGarrity, Lead Antimicrobial Pharmacist (UK, London, Great Ormond Street Hospital) within the session “Challenges of bacterial infections”. She informed the Ukrainian audience about antimicrobial stewardship policy in the UK.

The conference was attended by more than 1000 pediatricians, family doctors, pediatric infectious disease specialists, immunologists from all regions of Ukraine. Traditionally, the World Health Organization has been a partner of our conference. The conference participants had the opportunity to talk in person with the WHO experts about vaccination, particularly against COVID-19.

Alla Volokha

CHISINAU, REP. OF MOLDOVA NOVEMBER 12

Host: Svetalana Sciuca
Venue: Nicolae Testemiţanu State University of Medicine and Pharmacy, Chisinau, on-line meeting
Topic: World Pneumonia Day - current events in child pneumology

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PROGRAM

Moderators:
Svetlana Sciuca, Professor, PhD, Head of Pulmonology Clinic, Nicolae Testemiţanu State University of Medicine and Pharmacy
Ina Palii, head of the Pediatric Clinic of Institute of Mother and Child, Professor, PhD, *SUMPh*

Community-acquired pneumonia in children - epidemiological and etiological new data
Svetlana Sciuca

Clinical and diagnostic approaches in community-acquired pneumonia in children
Svetlana Sciuca

The etiological role of Mycoplasma infection in acute lung diseases in children
Consuela Adam, Rodica Selevestru

Pneumonia in COVID-19 infection in children
Svetlana Sciuca, Diana Rotaru-Cojocari

Pleuro-pulmonary complications in community-acquired pneumonia in children
Eva Gudumac, Alina Dănilă

Infectious myocarditis and lung disease in children
Ina Palii, Lucia Pîrţu, Iulia Rodoman

Pneumonia in patients with primary immunodeficiencies
Cristina Tomacinschii

Antibiotic therapy in community-acquired pneumonia in children
Diana Rotaru-Cojocari

Syndromic treatments in bronchopulmonary diseases of the child

SUMMARY

COVID-19 infection affects all organ systems of the human body, the respiratory system being the most affected, this reason plus the International Day of Pneumonia was the basis for organizing the online meeting.

The event was organized to promote medical education within the J Project, moderated by Prof. Svetlana Sciuca, leader of the project in the Republic of Moldova.

At the opening of the event, associate professor Sergiu Gladun, director of Institute of Mother and Child, mentioned the actuality of the webinar in the context of the COVID-19 pandemic and the importance of medical implication. He told about ward COVID-19 and thanked to all staff implicated in treatment of children infected with SARS-CoV2.

Prof. Sciuca brought to the attention of doctors new datas related to the ethylology and pathogenesis of pneumonia, epidemiological data on morbidity and mortality from pneumonia in recent years nationally and worldwide. Prof. Sciuca described the etiologies involved in addition to COVID-19, coming to the aid of doctors with differential diagnostic algorithms. She mentioned the flu virus that should not be forgotten, which causes severe forms of pneumonia, especially in children with risk factors (example: chronic lung disease, malformations, diabetes mellitus, primary and secondary immunodeficiencies), and its association with SARS- CoV 2 will give great headaches both in diagnosis and treatment. Prof. Sciuca encouraged the vaccination process.

With details about pneumonia in COVID-19, as well as clinical cases were presented by Diana Rotaru, PhD student. She described the COVID-19 ward in which she works, came up with statistics on the forms of the disease, the predo-minant symptoms as well as a series of lung x-rays of children with severe forms.

As the association between lung and heart damage is evident in most diseases, the team of the pediatric cardiology department led by prof. Ina Palii came up with an interesting and useful presentation on infectious myocarditis, describing in detail the etiology, pathogenesis, clinical signs, how to diagnose and treat these patients. Working together with the pediatric cardiology team is very helpful in monitoring patients.

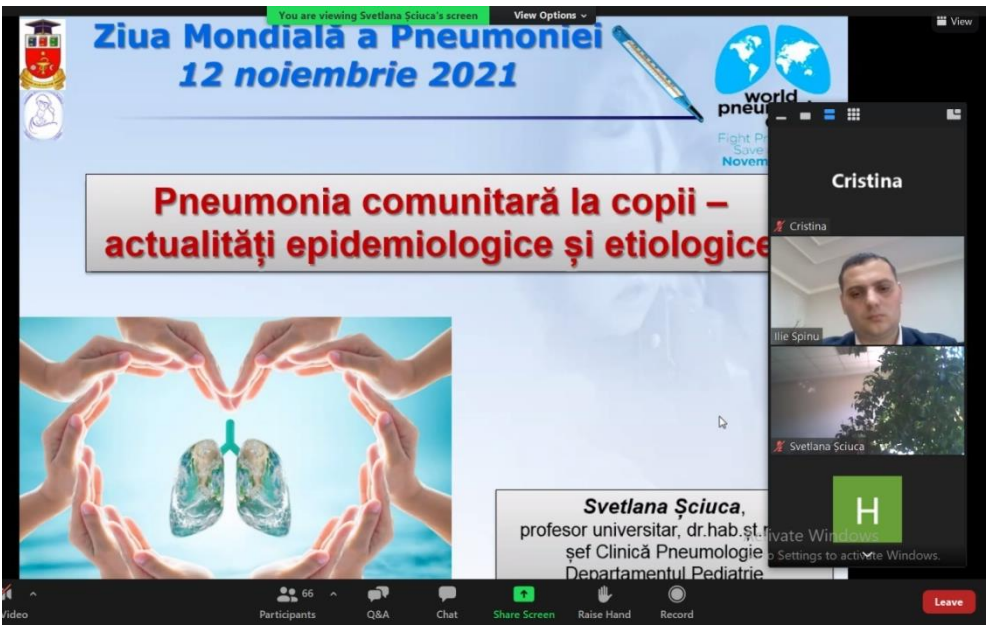
Being previously mentioned in the risk group, pneumonia in immunocompromised patients was described by Cristina Tomacinschii, PhD

student, noting that from the notion of immunocompromise we define that these patients have a high risk of developing recurrent infections, especially sinopulmonary because the respiratory mucosa is one of the larger surfaces and most exposed to contact with pathogens, and the presence of defects of innate immunity (barrier, phagocytes, macrophages) or adaptive, make these manifestations practically inevitable, as secretory IgA and IgM produced by lymphoid tissue associated with respiratory mucosa are effective in inhibiting adhesion bacterial and toxin neutralization (IgAse), and in complement activation and agglutination of pathogens, especially viruses by IgM. At the same time at the alveolar level, circulating IgG dominates and plays a decisive role in preventing bacterial infections. In immunocomptomies recurrent lung infections are significant causes of morbidity and mortality.

The conference brought together an online audience of several hundred family physicians, pediatricians, pulmonologists, residents, students. They showed a marked interest in the topics addressed, being active and involved in discussions.

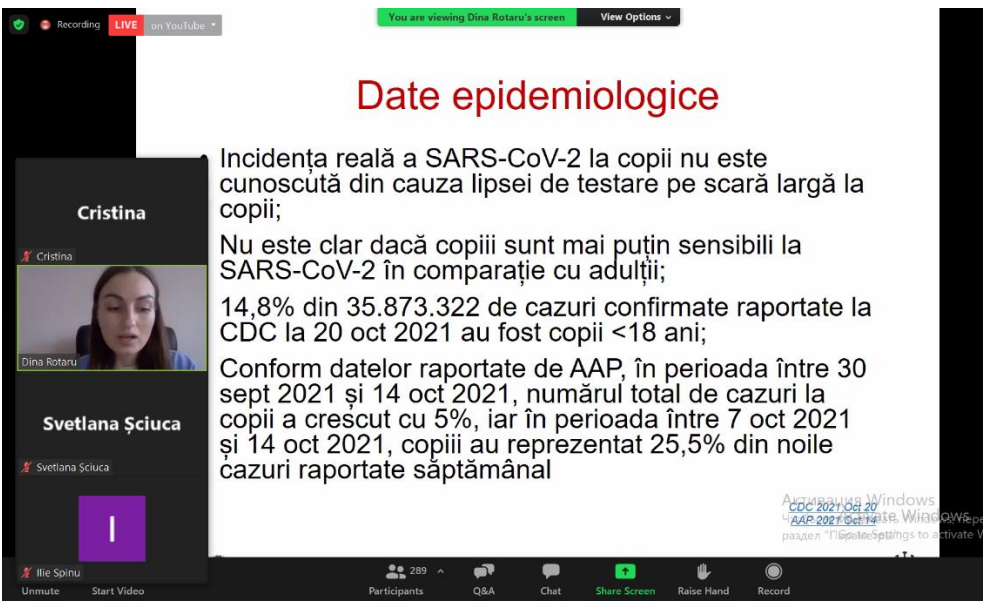
Questions about treatment and prevention of pneumonia, especially now in the pandemic, were answered by Rodica Selvestru and Aliona Cotoman who came up with presentations on these topics.

Svetalana Sciuca



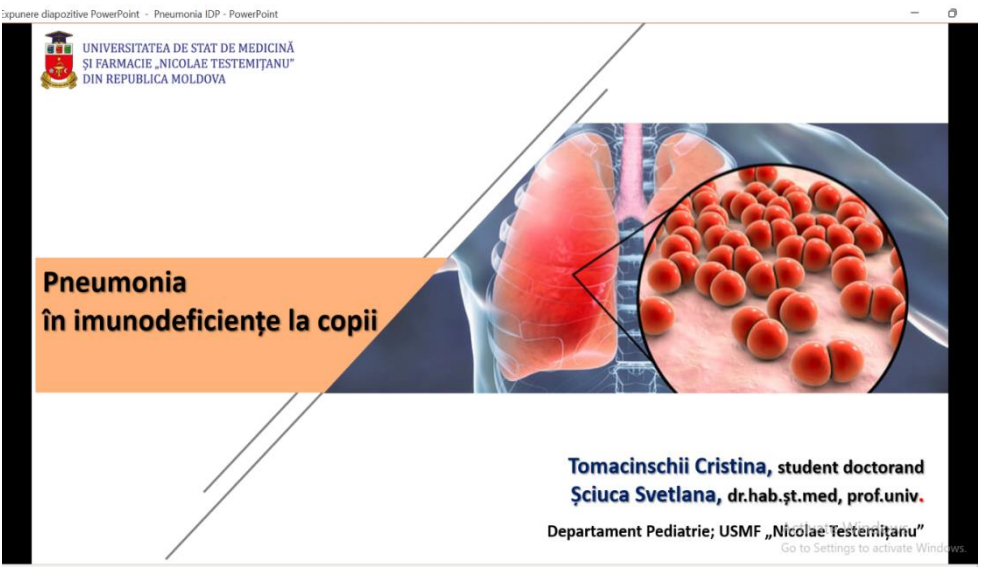
Ilie Spanu, providing technical support for the online organization of the conference

Conference participants connected online on the Zoom platform, Rodica Selevestru



Epidemiological data on COVID-19 infection presented by Diana Rotaru, PhD student

Ina Palii describing the importance of early diagnosis of myocarditis



Pneumonia in patients with primary immunodeficiencies, presented by Tomacinschii C., PhD student

KAZAN, RUSSIA — NOVEMBER 13

Host: Irina Tutankina
Venue: Online webinar
Topic: Topical issues of allergology and clinical immunology: problems and solutions

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"The spread of ideas of J Project"

INTERREGIONAL FORUM
"Current Issues of Allergology and Clinical immunology: problems and solutions"

PROGRAM

Organizers: Ministry of Health of the Republic of Tatarstan, Federal State Budgetary Educational Institution of Higher Professional Education Kazan State Medical University, Ministry of Health of Russia

What's new: a review of international and national guidelines on the treatment of patients with bronchial asthma
OM Kurbacheva (Moscow)

Bronchial asthma: do we use all the possibilities?
AA Vizel (Kazan)

Achieving control of allergic rhinitis symptoms. Possibilities of modern therapy.
OV Skorokhodkina (Kazan)

Long-term disease-modifying effect of ASIT in real clinical practice."
AV Emelyanov (St. Petersburg)

Modern approach to the treatment of severe bronchial asthma with the use of genetically engineered therapy
VV Arkhipov (Moscow)

Severe asthma with fixed bronchial obstruction: Our own experience with IL receptor inhibitor 4, 13
MV Boldina (Nizhny Novgorod)

ASIT: answers to common questions
N Nenasheva (Moscow)

Is there an alternative for patients with severe asthma dependent on systemic steroids?
NG Astafieva (Saratov)

Organization of the program of neonatal screening of primary Immunodeficiencies by the example of the Sverdlovsk region

IA Tuzankina (Ekaterinburg)

Atopic dermatitis: modern views on the pathogenesis and approaches to therapy
OG Elisutina (Moscow)

Atopic dermatitis: modern strategies of external therapy
RF Khakimova (Kazan)

The importance of synbiotics in the nutrition of children with allergies to cow's milk proteins
TV Klykova (Kazan)

Rehabilitation of children with recurrent respiratory diseases
TG Malanicheva (Kazan)

Patient-oriented approach to inhalation therapy in the treatment of respiratory diseases".
IY Vizel (Kazan)

SUMMARY

Kazan 11/13/2021 an interregional forum "Topical issues of allergology and clinical immunology: problems and solutions" was held. The forum was held in an interactive online webinar format. The scientific organizers were the Ministry of Health of the Republic of Tatarstan and the Kazan State Medical University. The forum was attended by 153 doctors - allergists-immunologists, pulmonologists, therapists, general practitioners, pediatricians, otorhinolaryngologists, etc., being representatives of the territories of the Volga, Central and Ural federal districts, Siberia, Bashkortostan, Udmurtia and the Far East.

Lectures were delivered by 14 lecturers from various cities of Russia - Moscow, St. Petersburg, Yekaterinburg, Ufa. Topical issues of immunology and allergology were discussed, attention was paid to the issue of organizing and conducting neonatal screening for primary immunodeficiencies, differential diagnosis, treatment and rehabilitation of such children. In the lectures of prof. Irina Tuzankina presented a range of currently known primary immunodeficiencies, the current classification of innate immunity errors, an assessment of the educational and unifying role of the international JProject project, which allows specialists from different countries to share their experience and help in solving issues related to this problem. On all issues, an active discussion took place between lecturers and specialists from the regions of Russia. The training took place within the framework of continuous postgraduate education.

Irina Tuzankina

14:00-14:30	**«Организация программы неонатального скрининга первичных иммунодефицитов на примере Свердловской области»**

Тузанкина Ирина Александровна – д.м.н, профессор, главный внештатный иммунолог Министерства здравоохранения Свердловской области начальник отдела клинической иммунологии ОДКБ N1, заведующая лабораторией иммунологии онтогенеза института иммунологии и физиологии УрО РАН (г. Екатеринбург)

14:30-15:00	**«Атопический дерматит: современный взгляд на патогенез и подходы к терапии»**

Елисютина Ольга Гурьевна – д.м.н., старший научный сотрудник отделения аллергии и иммунопатологии кожи ФГБУ «ГНЦ – Институт иммунологии» ФМБА России (г. Москва)

Доклад при поддержке ООО «Эббви». Кредитные баллы НМО не начисляются.

15:00-15:30	**«Атопический дерматит: современные стратегии наружной терапии»**

Хакимова Резеда Фидаиловна – д.м.н., профессор кафедры клинической иммунологии с аллергологией ФГБОУ ВО Казанский ГМУ Минздрава России (г. Казань)

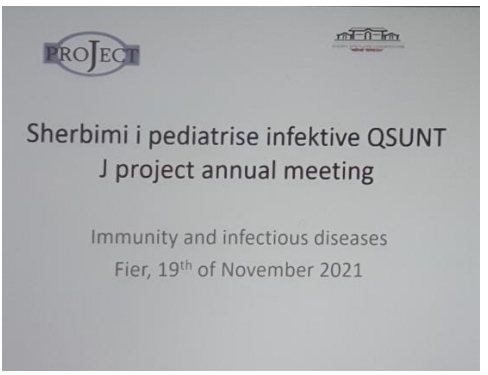
Доклад при поддержке ООО «ЛЕО Фармасьютикал Продактс». Кредитные баллы НМО не начисляются.

FIER, ALBANIA NOVEMBER 19

Host: Georgina Kuli-Lito
Venue: "Ardenica" conference room, Ardenica, Fier
Topic: Immunity and infection

J project Annual Meeting
Organized by:
Pediatric's Infectious Diseases Service QSUNT &
Albanian Pediatric Society

PROGRAM



Introduction. Summary of J project objectives and history
Immunity in Pediatrics and its role in pediatric infections
Gjeorgjina Kuli-Lito

Humoral immunity deficiencies and Covid 19 infection. Case presentations
Evda Vevecka

Immunological changes during Sars Cov2 infections in allergic children
Sonila Borici

Mira Xhixha

Immunity and dhe CoVID – 19. How they do influence to each other and gravity of different situation
Mira Xhixha

Hyper IgE Syndrome. Different genotypes and clinical manifestations
Artemona Sulo

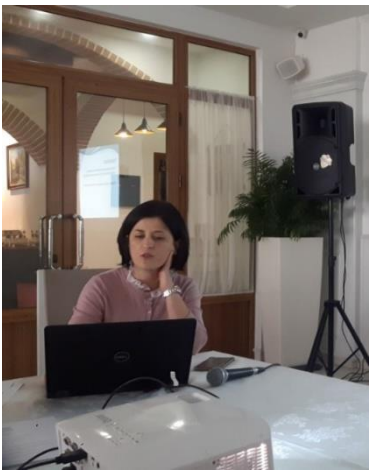
MIS-C and interferon abnormalities
Zamira Ylli
Questions and discussion

SUMMARY

The national annual J Project meeting of Albania “Infections and Immunity” was Organized by: Pediatric Infectious Diseases Service QSUNT &, Albanian Pediatric Society in Collaboration with J project. It was held in Fier (Ardenica) on 19th of November 2021.

The topic of the meeting was chosen by actual situation of Covid 19, its impact in PID patients and the possibilities of prevention in these patients. During the pandemic years 2020-29021 we had hospitalized 17 PID children with Sars COV 2 infection. Only one child 4 mj with SCID had a fatal outcome. The others recovered without important sequels.

The awareness about primary immunodeficiency disorders and availability of diagnosis and treatment is increased during the last decade in our country. The actual number of diagnosed PID patients in Albania is 264, some of them confirmed with genetic sequencing done by CENTOGENE Ag, Rostock, Germany, as a collaboration between our 2 centers.



Artemona Sula

According to the Covid19 limitations and rules, it was a reduced number of participants, 36 family doctors and pediatricians, but the materials were spread in hard copies in all the pediatric centers all over the country. The scientific program of the Conference (see the program attached) was performed in 1 session and it consisted of 6 presentations as review and case reports presented by pediatricians & immunologist.

The sessions of questions and discussions were very active with a wide participation from all pediatricians which revealed a lot of problems of every day practice especially the possibility of collaboration between the countries of J project and Albania and the establishment of a regional network.

The Conference met its goals.

- It provided detailed information and data about PID and increased the awareness of pediatrician about these pathologies of childhood.
- It was a good opportunity of collaboration and experience exchange between pediatricians of every level and their qualification, considering the fact that the conference was evaluated by National Center of Continuous education with 5 credit points.

The recommendations suggested:

- Considering of PID as potential diagnosis in children with recurrent infections and severe course of the disease. It was highlighted the need of diagnostic genetic sequencing and the introduction of SC IG therapy for the patients.

Georgina Kuli-Lito

Ardenica Monastery

MOSCOW-YEKATERINBURG, RUSSIA

NOVEMBER 21

Host: Irina Tutankina
Venue: Online webinar
Topic: Ural Federal District Forum on PID
Discussion of the organization of screening and routing of patients with immune defects within the territories of the Ural Federal District

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"The spread of ideas of J Project"

PROGRAM

"How not to miss a patient with primary immunodeficiency?
Interdisciplinary approach to patient's management"

Irina Zakharova, Prof., Honored Doctor of the Russian Federation, chief of department of pediatrics named G.N. Speransky at Russian Medical Academy Continuing Professional Education, Moscow

Andrey Prodeus, Prof., chief pediatrician of the Children's City Clinical Hospital No. 9 named after G.N. Speransky, chief pediatric allergist-immunologist of the Ministry of Health of the Moscow Region

Irina Tuzankina, Prof., Honored Scientist of the Russian Federation, Chief Researcher of the Institute of Immunology and Physiology of the Ural Branch of the Russian Academy of Sciences, Chief Pediatric Immunologist of the Ministry of Health of Sverdlovsk region

SUMMARY

Moscow-Yekaterinburg 11.21.21 a conference was held in the format of a round table "Discussion of the organization of screening and routing of patients with immunity defects within the territories of the Ural Federal District", dedicated to the organization of neonatal screening of immunodeficiency states in the territories of the Ural Federal District. The speakers were Prof. A.P. Prodeus. MD, chief pediatrician of the Children's City Clinical Hospital No. 9 named after G.N. Speransky, chief pediatric allergist-immunologist of the Ministry of Health of the Moscow Region and Prof. Tuzankina I.A., Doctor of Medical Sciences, Honored Scientist of the Russian Federation, Chief Researcher of the Institute of Immunology and Physiology of the Ural Branch of the Russian Academy of Sciences, Chief

Pediatric Immunologist of the Ministry of Health of Sverdlovsk region. They shared their own experience and international data, an assessment of the educational and unifying role of the JProject. An interactive discussion of the problem, ways of its implementation and implementation in the territories of the region was carried out. The main specialists of the territories (immunologists, geneticists, pediatricians, laboratory diagnostics doctors) from the regions of the Urals (Sverdlovsk, Chelyabinsk, Orenburg, Perm, Khanty-Mansiysk district, Udmurtia and Bashkortostan), representatives of patient communities of the Russian Federation took part in the round table. The meeting was organized by the President of the Association of Pediatricians, Head of the Speransky Dep. of Pediatrics, Honored Doctor of the Russian Federation Prof. Irina Zakharova (Moscow). She regularly conducts webinars from the "Meetings with the Professor" series for pediatricians in Russia and the countries of the commonwealth.

Irina Tuzankina

Up to low: Irina Zakharova, Andrey Prodeus and Irina Tuzankina

BUDAPEST, HUNGARY NOVEMBER 24

Host: László Maródi, Katalin Vámos & László Maródi, Jr.
Venue: Online webinar
Topic: SARS-CoV-2 infection in primary immunodeficiencies

PROGRAM

Opening

Epidemiology of SARS-CoV-2 infection
Ferenc Falus (Budapest)

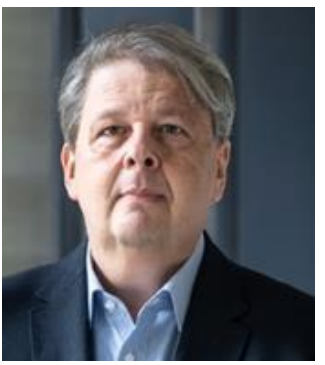
Immunpathology of SARS-CoV-2 infection
Zoltán Szekanecz (Debrecen)

Cellular immunodeficiencies predisposing to COVID
Zoltán Nyul (Pécs)

Occurrence and treatment of COVID in immunoglobulin defects - *G Krivan*

Discussion

Ferenc Falus


Zoltán Szekanecz

Zoltán Nyúl

SUMMARY

Ferenc Falus, epidemiologist (Budapest) presented the coronavirus pandemia and its impact on patients with chronic diseases. In the fall of 2019, a large number of patients were hospitalized with a novel, pneumonia-like illness in a couple of countries including Hungary. It turned out soon that the disease-causing agent was a coronavirus named as severe acute respiratory coronavirus (SARS-CoV)-2 and the disease was named as coronavirus infectious disease 2019 (COVID-19). In terms of spreading, the virus is airborn and infected patients spread the virus particles to susceptible individuals by cough and sneezing. Infection can occur, in addition through the respiratory mucous membrane, by binding to cells of the conjunctiva. Therefore, the most effective ways of protection are distance keeping,

wearing mask that covers the mouth and the nose, and eyeglasses. Dr. Falus presented a comprehensive paper on the spread of SARS-CoV-2 in large communities and masses, and the importance of prevention including active vaccination. Observation of large number of people who recover from the disease suggested that close to 30% of them develop long-term complication called post-COVID disease. This may be explaned by the fact that the infection by SARS-CoV-2 may cause damage to the vascular endothelium in practically all organs even in those who contract the virus but do not develop disease manifestations. From the epidemiologic point of view, coronaviruses will likely to cause further pandemics resulting remarkable burden to heath care systems. Prevention of the diseases in patients with existing chronic diseases is critically important.

Zoltán Szekanecz (University of Debrecen, Dep. of Rheumatology, Debrecen) presented the iImmunopathology of SARS-CoV-2 infection. The SARS-CoV-2 virus infects epithelial cells, which leads to the activation of immune cells, the production of inflammatory mediators including cytokines, systemic inflammation and multiorgan damage. COVID-19 has three temporal phases: the viral phase, pulmonary phase (pneumonia) and multisystemic inflammatory syndrome (MIS). Multiple cytokines, such as interleukin 6 (IL-6) and IL-1, as well as bradykinin are responsible for systemic inflammation leading to microvascular damage, microthrombosis, complement activation and tissue injury including pulmonary, cardiovascular, neuropsychiatric, gastrointestinal, and musculoskeletal symptoms. In MIS, biomarkers including CRP, Il-6, ferritin, D-dimer, cardiac troponin, LDH and others may predict clinical worsening and the presence of cytokine storm. In the early phase of the disease, antiviral drugs, and antibodies, while in the late, MIS phase, corticosteroids, and targeted therapies (IL-6, IL-1 blockers, JAK inhibitors) should be administered in order to prevent severe COVID-19, intensive care unit admission and invasive ventilation. Natural SARS-CoV-2 infection, as well as vaccination boost humoral and cellular immune responses lasting 4-6 months. Memory B cells are key players in these responses. Vaccination is advisable even in patients who had undergone SARS-CoV-2 infection. Autoimmune rheumatic patients carry increased risk for severe COVID-19, and, on the other hand, the virus may trigger autoimmune phenomena. Thus, these patients should all be vaccinated and, in the case of early mild COVID-19, treated with antiviral agents.

Zoltán Nyul (University of Pécs, Dep. of Pediatrics) presented SARS-CoV-2 infection in patients with inborn error of immunity. Patients with primary immunodeficiencies are among the most vulnerable individuals and their protection was therefore highly prioritized from the

beginning of the pandemic. Despite these efforts many of them contracted SARS-CoV-2 infection and there is a growing number of reports on the clinical course and outcome of this disease in various inborn error of immunity (IEI). According to a meta-analysis, this number counted 649 patients up to end of 2021. Reflecting the relative frequency among IEI, the majority of patients had antibody deficiency (51%), followed by combined immunodeficiency (14%), disorder of immune dysregulation (10%), autoinflammatory disease (8%), innate immune defect (6%), complement defect (4%) and phenocopy (1%). The clinical presentation does not basically differ from that observed in general population, with typical symptoms of fever, cough, headache, shortness of breath, upper respiratory complaints. However, the median age of patients with IEI was lower and the proportion admitted to ICU was higher than the general population. The overall case-fatality ratio (CFR) among IEI patients was 9%, which is higher than in the general population (2,1%), nevertheless remarkable variability of mortality (0-42%) was reported in the different cohorts. Apart from the preexisting comorbidities that substantially influences mortality and were reported with similar frequency in IEI patients as in general population, the type of immunodeficiency has also an impact on outcome, revealing which immune pathways are necessary for successful defense against SARS-CoV-2. As expected, a high CFR was observed in patients with combined immunodeficiencies (13%).Remarkably, a stem-cell transplantation or gene therapy restored the immune functions successfully in SCID from this aspect, too. In the group of antibody deficiency, the patients who succumbed had almost exclusively comorbidities. In these cases, the higher CFR can partly be attributed to a preexisting lung disease, secondary morbidity or increased risk of secondary infectious complications. As fundamental pathway in viral immunity, the type I-interferon (I-IFN) axis has been thought to be crucial in SARS-CoV-2 since the beginning of the pandemic. This hypothesis was convincingly proven by the high rate of severe COVID-19 disease in patients with inborn defects of this axis or with antitype I-IFN autoantibodies (APS-1 or Good syndrome). These defects or autoantibodies underlie at least 10% of critical COVID-19 patients. On the other hand, some IEI can be beneficial on the course of SARS-CoV-2 infection. Such errors are, not surprisingly, the interferonopathies due to increased basal IFN or errors of innate immunity with attenuated IL-6 signaling. The lesson learned or yet to be learn from IEI and SARS-CoV-2 infection shed light on pathways in viral defense and openned new ways to improve the outcome of the disease.

Summary of the talk by G Krivan was not provided.

László Maródi

KALININGRAD, RUSSIA NOVEMBER 24-26

Host: Irina Tuzankina
Venue: Immanuel Kant Baltic Federal University
Topic: PID - JP Ideas

III Baltic Symposium
on Immunology, Molecular and Regenerative Medicine

PROGRAM November 24

Mechanisms of antiviral immunity formation

General mechanisms of immunopathology
Firuz Garib

Immunological paradigm of infectious diseases
Vladimir Kozlov

Immunopathogenesis of COVID-19
Valery Chereshnev

Search for predictors of COVID-19 course severity
Alexander Semenov

Pathological stigmas of the immunological component of a new coronavirus infection
Roman Deev

Therapy of immune-mediated diseases

Interferons in the immunopathogenesis and treatment of COVID-19
Simbirtsev Andrey Semenovich

Covid-19 immunopathogenesis and immunotherapy of coronavirus infection
Elena Abakushina

Theory and practice of CAR-T development for different types of targets
Sergey Larin

Dendritic vaccines in oncology
Adas Darinskas

Immunorehabilitation

Immunorehabilitation of patients after COVID-19
Borisov Alexander Gennadyevich

COVID-19 - subtleties of immune response in children
Andrey Prodeus

Congenital immune errors in the problem of profound prematurity and early infant mortality
Irina Tuzankina

Experimental Immunology

Study of short linear motifs (SLiMs) of trophoblastic beta-1-glycoprotein from a "drug-design" perspective
Svetlana Zamorina

Polarization of T helper cells in different forms of COVID-19 course
Igor Kudryavtsev

Myeloid suppressor cells - a new target of pharmacotherapy. Role of alpha-fetoprotein
Ksenia Shardina

Immunomodulatory effects of glycodelin
Valeria Timganova

November 25

Immunoprophylaxis

Modern immunogens and vaccine platforms
Georgiy Gudima

Vaccine prophylaxis of chronic somatic pathologies
Vitaly Zverev

COVID-19 Immunology
Areg Totolyan

COVID-19: Advances in Vaccine Prophylaxis
Tatiana Markova

The role of mucosal immunity in therapy and prevention of upper respiratory tract infections
Tatyana Germanovna

Regulation of reparative processes in oral mucosa
Narine Sarkisyan

Fundamentals of Cellular and Cell-Free Therapy

Cellular immunotherapy for tumors
Irina Baldueva

Mesenchymal stem cells in the treatment of patients with COVID-19 pneumonia
Adas Darinskas

Scientific basis for the use of mesenchymal stromal cell secretome for the treatment of coronavirus infection and prevention of fibrotic complications
Anastasia Efimenko

Bioengineering of bone tissue

Bioengineering of stem cell niches as a tool for precision regenerative medicine
Igor Khlusov

Living bone equivalent in the treatment of critical size bone defects
Dmitry Zubov

Osteointegration and disintegration of dental implants. Nanotechnological and immunological aspects of reparative osteogenesis
Varvara Labis

Peculiarities of the phenotype of mesenchymal stromal cells cultured on different matrices
Diana Aleynik

Immunological component of cingulate limb muscular dystrophies. An example of dysferlinopathy - from pathomorphogenesis to treatment
Sergey Bardakov

Experimental Immunology

Graphene oxide nanoparticles in the regulation of dendritic cell differentiation
Sofia Uzhviyuk

Graphene oxide nanoparticles in the regulation of NK- and NKT-cells activity
Maria Bochkova

The study of graphene oxide nanoparticles biocompatibility with the immune system cells - results and prospects
Mikhail Rayev

New multiparameter systems in flow cytometry
Company Biocommerce

November 26

Laborytory diagnostics of COVID-19

Immunophenotypic changes in the immune system in postcocial patients
Alexander Zurochka, Maria Dobrynina, Alexei Sarapultsev, German Sarapultsev, Igor Kritsky, Maria Komelkova, Leana Ryabova

Mechanisms of formation and laboratory diagnosis of drug hypersensitivity reactions
Natalia Bychkova

Evaluation of the functional activity of phagocytes and basophils in clinical and laboratory practice
Sergey Haidukov

Algorithms of immunodiagnostics in immunocompromised patients
Alexander Borisov

Digital PCR as a new modern method of high accuracy molecular diagnostics
Alexander Menshenin

Clinical Immunology

Interrelation of local and systemic immunity parameters in impaired reproductive function
Natalia Kalinina

Immunopathogenesis of chronic inflammatory diseases

Ivan Kozlov

Immunological aspects of acne
Tatiana Fedoskova

Post-infection and post-vaccination immunity to Sars-cov-2 antigens
Anna Toptygina

Comparative analysis of cytokine-mediated links of arterial hypertension progression in post-infection and post-vaccination periods, peculiarities of "hybrid" immunity in patients with AH
Olga Radayeva

From Theory to Practice: New Factors in the Pathogenesis of Socially Significant Diseases

Tissue eosinophilia in the pathogenesis of tumorigenesis
Olga Urazova

M1 and M2 macrophages in the pathogenesis of tuberculosis infection
Elena Churina

Local fat depots of the heart and vessels: relationship with atherosclerotic coronary artery lesions and coronary calcinosis
Olga Gruzdeva

Biobanks and creation of systematized collections of biological material for fundamental and applied research
Andrey Glotov

Clinical Immunology

Analysis of the incidence of malignant neoplasms in the pediatric population of Kaliningrad region
Zhanna Malakhova, Lyudmila Perminova

Morphometric characterization of the spleen in new coronavirus infection caused by SARS-CoV-2 (ultrasound study)
Svetlana Perepelitsa

Personalized therapeutic management tactics for COVID-19 patients
Robert Bogachev

Covid-19 and the kidneys
Larisa Mikhailovna

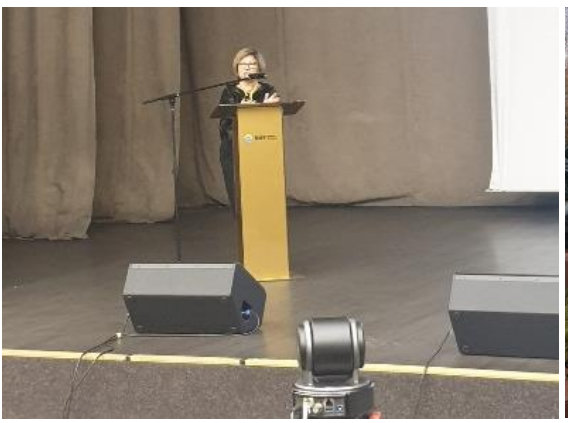
SUMMARY

The III-rd Baltic Symposium on Immunology, Molecular and Regenerative Medicine was held in Kaliningrad, in Novenber, 2021. including a competition of young scientists for the best work in the field of immunology and allergology, as well as reports within the framework of JProject. The program included a series of reports on the novel coronavirus infection, as well as on diagnostics, immunoprophylaxis, experimental immunology, cell and acellular therapy, diagnostics, the prevalence of primary immunodeficiencies and their role in the formation of perinatal losses. The

symposium was opened by Aleksandr Fedorov, the Rector of the Immanuel Kant Baltic Federal University, Aleksandr Kravchenko, the Minister of Health of the Kaliningrad Region, Andrey Klemeshev, the President of the Immanuel Kant Baltic Federal University, and Vladimir Kozlov (*the photo*) the academician of the Russian Academy of Sciences, scientific director of the Federal State Budgetary Scientific Institution “Research Institute of Fundamental and immunology".

The program of the Symposium was broadcasted in full on the TV channel GTRK of the North-West Federal District. More than 400 people took part in the Symposium, among them - from 11 cities of Russia (Moscow, St. Petersburg, Kaliningrad, Saransk, Novosibirsk, Krasnoyarsk, Tomsk, Yekaterinburg, Chelyabinsk, Perm, Samara) and other countries (Ukraine - Kiev, Lithuania - Vilnius). 53 reports were presented, of which 20 were plenary, 33 were sectional. In addition, a poster section was organized. A competition for young scientists was held, among which a commission consisting of authoritative specialists selected the best works.

Irina Tuzankina



Irina Tuzankina lecturing (L) and with Viktor Gerasimov (R)

KUTNA HORA, CZECH REP.

NOVEMBER 25-26

Host: Anna Sediva & Jiri Litzman
Venue: Hotel „U Varhanare", Kutna Hora
Topic: „Fall School for Primary immunodeficiencies in the era of COVID-19 pandemic"

PROGRAM

25th November

Welcome and Introduction
Anna Sediva (Czech Republic)

Opening lecture:
„Autoantibodies targeting interferon and severe COVID-19"
Paul Bastard (France)

St. Borbala Church in Kutna Hora

26th November
Innate Immunity, Autoinflammation and COVID-19

Atypical phenotype and diagnostic challenges in AR chronic granulomatous disease
Marta Bustaffa (Italy)

New biomarkers of inflammation and Familial Mediterranean Fever
Eva Malicherova (Slovakia)

Monogenic autoimmune vasculopathy and polyneuropathy
Hana Grombirikova (Czech Republic)

Oligogenic inheritance in a very early onset IBD: causal or random association?
Viktor Bily (Czech Republic)

STAT1 GOF and COVID-19
Marketa Bloomfield (Czech Republic)

Project PIDLA: Primary ImmunoDeficiency Look-up App
Adam Klocperk (Czech Republic)

Immunogenicity and Safety of mRNA Vaccine in CVID Patients
Tomas Milota (Czech Republic)

Adaptive Immunity

Developmental pathways - algorithmic approach to mass cytometry investigation of the thymus
Tomas Kalina (Czech Republic)

Unexpected genetic finding in an Iranian patient with T-B+NK+ severe combined immunodeficiency
Mahnaz Jamee (Iran)

Myelodysplastic syndrom as a new feature of STAT3-GOF germ line mutation
Pavlina Kralickova (Czech Republic)

Familial occurrence of common variable immunodeficiency with monogenic origin
Adam Markocsy (Slovakia)

Miscelaneous

Clinical phenotype in three families of patients with a mutation in the SERPING1 gene
Ivana Trochanova (Slovakia)

Compostion of immune system in patients with bone marrow failure
Ester Mejstrikova (Czech Republic)

Invited lecture:
Heterozygous *OAS1* gain-of-function variants cause an autoinflammatory immunodeficiency
Fabian Hauck (Germany)

Anna Sediva and her colleagues

SUMMARY

The School of Immunodeficiencies has to be organized in Nomember, shifted here from traditional spring dates due to the ongoing COVID pandemic. The school also transfered to a hybrid form. Despite all obstacles the school was very successful, with a lot of progressive lectures (listed in the program). The most valued data are from CHGE consortium, presented by Paul Bastard, on autoantibodies against interferon and their role in COVID-19. Other valuable lectures presented novel and advanced analytic methods for flow cytometry data. Several case reports and several lectures on COVID-19 and vaccination against it in PID patients were shared by all participants. The school again proved to be very valuable and we hope for the traditional Spring term next year.

Anna Sediva & Jiri Litzman

YEKATERINBURG, RUSSIA NOVEMBER 27

Host: Irina Tutankina
Venue: Online webinar
Topic: Ural Federal District Forum on PID
Clinical immunology and allergology in the prism of practical medicine
COVID-19 and primary immunodeficiencies

6th interregional scientific and practical online conference of allergologists-immunologists of the Ural Federal District "Clinical Immunology and Allergology in the Prism of Practical Medicine" within the J Project symposium

PROGRAM

Opening

OP Kovtun, Rector of FGBOU VO UGMU of the Ministry of Health of Russia, Corresponding Member of RAS, Professor

VA Chereshnev, Scientific Director of FSBEI Institute of Immunology and Physiology UB RAS, Academician of RAS

New diagnostic and treatment technologies in clinical practice of allergologists and immunologists of the Urals Federal District
EK Beltukov

Symposium "COVID-19 and Primary Immunodeficiencies", Institute of Immunology and Physiology, Ural Branch of RAS

Immunopathophysiology of COVID-19-infection
VA Chereshnev, MV Chereshneva, AS Borisovich

Primary immunodeficiencies - autoinflammatory diseases
IA Tuzankina

Primary immunodeficiencies - immune dysregulation diseases
MA Bolkov

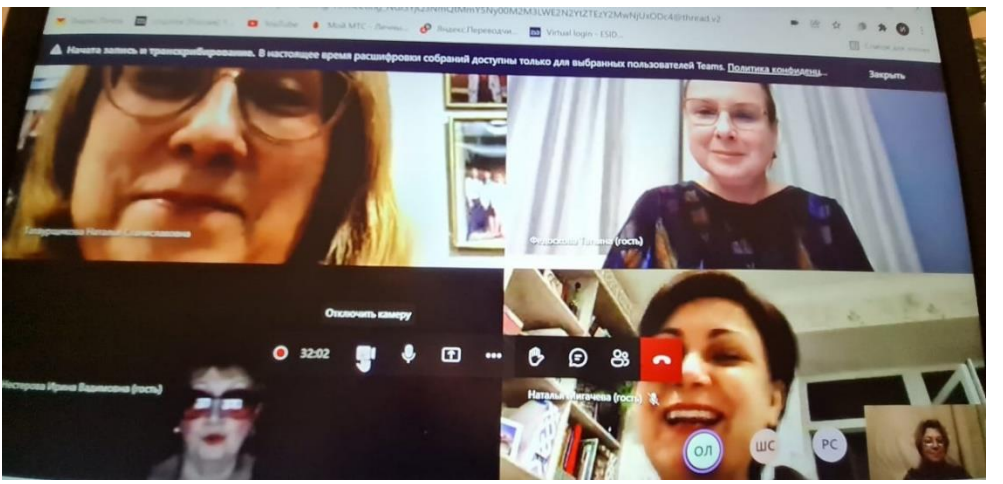
Peculiarities of the course of COVID-19 in children with congenital immunity errors
E Vlasova

The lecture by VA Chereshnev is devoted to the pathogenesis of coronavirus infection; attention is paid to the historical aspect of the problem and current scientific theories of pathology formation.

The lecture by IA Tuzankina is devoted to the problem of inborn immunity errors in modern cynical practice, we present in detail one of the groups in the classification of these diseases - autoinflammatory diseases, we consider the possibilities of diagnostics and ways of correction.

The lecture by MA Bolkov is devoted to the problem of congenital immune errors in modern cynical practice; one of the groups in their classification - immune dysregulation diseases - is presented in detail, the possibilities of diagnosis and ways of correction are discussed.

The lecture by E Vlasova is devoted to the problem of the course of acute new coronavirus infection in children with primary immunodeficiencies and the course of postvaccine syndrome in these patients. Peculiarities of clinical course, laboratory diagnosis and rehabilitation measures in this category of patients are presented.



L to R: Natalia Tataurschikova, Tatiana Fedoskova, Irina Nesterova, Natalia Migacheva, Irina Tuzankina

SUMMARY

Yekaterinburg 11.27.21 the Sixth interregional scientific and practical online conference of allergists-immunologists of the Ural Federal District called "Clinical immunology and allergology in the prism of practical medicine" was held. The organizers were the Ural State Medical University of the Ministry of Health of the Russian Federation and the Institute of Immunology and Physiology of the Ural Branch of the Russian Academy of Sciences. Among leading experts were allergists-immunologists and pulmonologists from Moscow, St. Petersburg, Yekaterinburg, Chelyabinsk, Perm, Tomsk, as well as professors, representing: Institute of Immunology

of the Federal Medical and Biological Agency of Russia, Institute of Immunology and Physiology of the Ural Branch of the Russian Academy of Sciences, Russian National Research Medical University named after N.I. Pirogov, North-Western State Medical University named after N.I. Mechnikov, S. M. Kirov Military Medical Academy, St. Petersburg State Pediatric Medical University, Siberian State Medical University, Perm State Medical University, Ural State Medical University.

Within the framework of the conference, the Institute of Immunology and Physiology organized the JProject symposium "COVID-19 and primary immunodeficiencies", dedicated to topical issues of the immunopathophysiology of the infectious process caused by SARS-CoV-2, considered the pathogenesis of coronavirus infection, paid attention to the historical aspect of the problem and existing scientific theories of formation of pathology. The features of COVID-19 in children with primary immunodeficiency were presented. A group of primary immunodeficiencies such as autoinflammatory diseases and diseases of immune dysregulation were considered. Data on the prevalence of diseases associated with congenital immunity errors in the Ural Federal District, including the Sverdlovsk Region, were presented. Academician V. Chereshnev, Prof. I. Tuzankina, Phd M. Bolkov, E. Vlasova and S. Deryabina, as well as graduate students D. Cheremokhin and Khyber Shinvari made reports. Among the conference participants were allergists-immunologists, pulmonologists, pediatricians, therapists, general practitioners, emergency medical practitioners, therapists and clinical pharmacologists from 23 regions of Russia and from abroad (Moscow, St. Petersburg, Kazan, Novosibirsk, Saratov, Volgograd, Chelyabinsk , Tyumen, Yamalo-Nenets and Khanty-Mansi districts, the cities of Kurgan, Orenburg, Ufa, Perm, Yaroslavl, Saransk, Donetsk, Kostanay, etc.

Irina Tuzankina

Lenin square in Ekaterinburg on New Years Eve 2021

DIYARBAKIR, TURKEY NOVEMBER 30

Host: Ismail Reisli
Venue: Online webinar
Topic: Approach to a patient with recurrent infections

PROGRAM

Up (L-R): Ahmet Kan, Fatma Duksal, İlhan Tezcan, Hasibe Artaç
Low (L-R): İsmail Reisli, Sükrü Nail Güner, Yıldırım Altay, Zafer Çalışkaner

SUMMARY

The East Anatolia J Project Meeting was organized together with the Turkish Society of Clinical Immunology and Diyarbakır's Society of Family Physicians to increase awareness on primary immunodeficiency (PID) diseases among pediatricians and family physicians. The main topic was 'Approach to a patient with recurrent infections'. This Meeting was held on November 30, 2021. The meeting was co-organized with the Necmettin Erbakan University and primarily focused on the early diagnosis and treatment of PID in children and adults for pediatricians and family physicians.

The moderators of East Anatolia J Project Meeting was Yıldırım Altay, MD who is the Chief of Van's Society of Family Physician, and Prof İlhan Tezcan who is the President of Turkish Society of Clinical Immunology. The first speaker was Prof Reisli and gave his lecture about the approach to a patient with recurrent infections. The second speaker was Prof Sevgi Keleş, from Necmettin Erbakan University, focused on immune system components and PID in children. After Prof Zafer Caliskaner, from Necmettin Erbakan University (retired), talked about the PID in adulthood, Prof Sukru Nail Guner, from Necmettin Erbakan University, talked about the current treatment modalities of PID.

We believe that the education on PID should be planned with the case presentations. Prof Hasibe Artac from Selçuk University, Assoc. Prof Fatma Duksal from University of Helath Sciences and Assoc Prof Ahmet Kan from Dicle University (Diyarbakır) presented their PID patients with

PID. These presentations were mainly about the severe combined immunodeficiency due to Adenosine Deaminase Deficiency (ADA). They discussed the diagnosis and the treatment modalities of ADA deficiency and focussed on the enzyme replacement therapy.

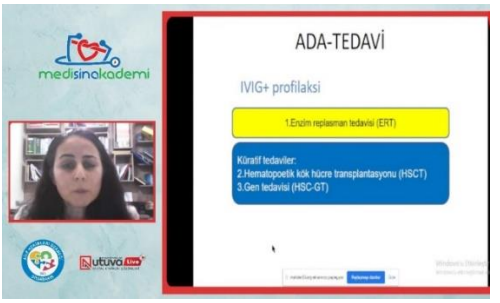
There were 253 participants attended this online meeting. The speakers and the participants discussed the importance of early diagnosis and early treatment of the patients with PID. I would like to thank all participants for their participation to this J Project Meeting, and also thank to the TR-PHARM Company for their sponsorship to make this organization possible.

Ismail Reisli
Leader of the J Daughter Anatolia Project
Konya-Turkey

İlhan Tezcan (L) opening the East Anatolia J Project Meeting

Sevgi Keles (L) and Zafer Çalışkaner shared their experiences on PID care in children and adults, respectively.

I. Reisli talked about the approach to a patients with recurrent infection



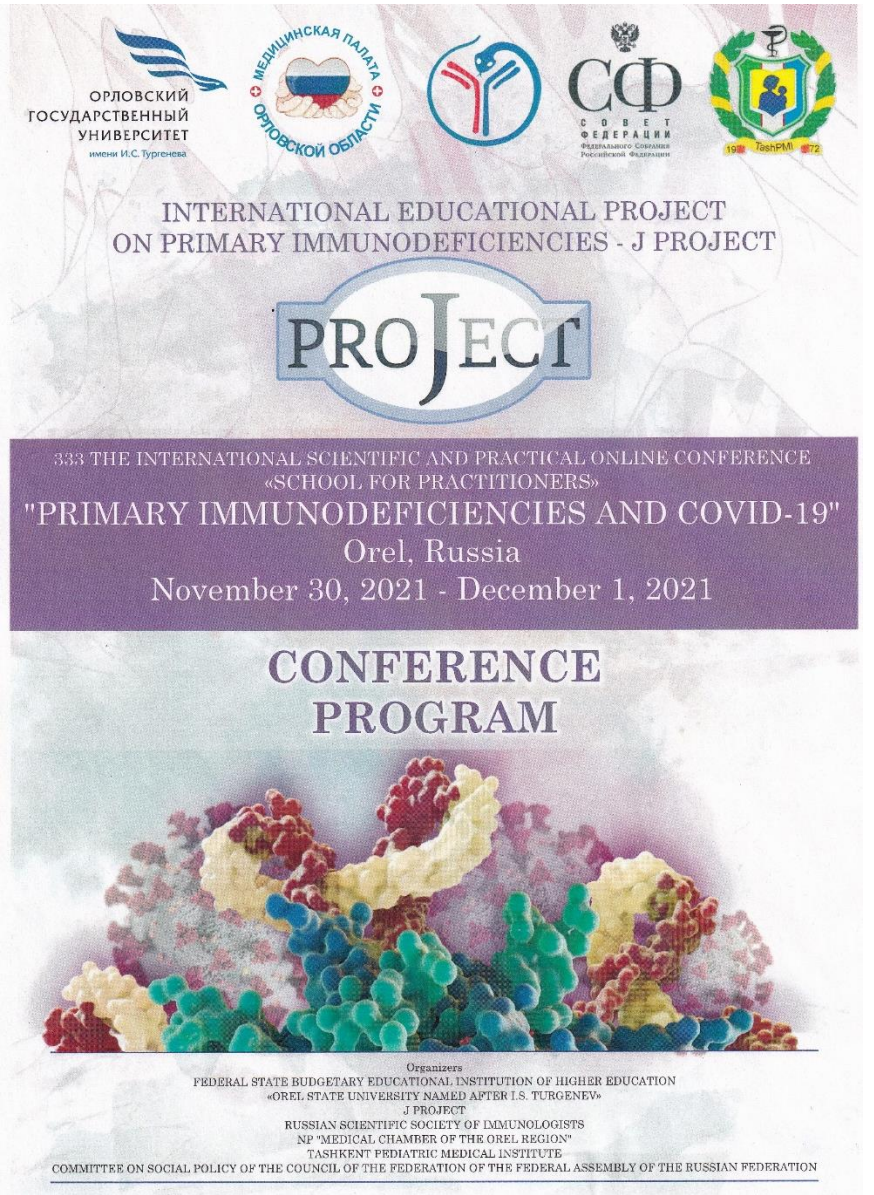
Drs. Artaç and Duksal presented their cases of severe combined immunodeficiency

Dr. Güner talked about the treatment of PID

OREL, RUSSIA NOVEMBER 30 – DECEMBER 1

Host: Irina Snimshchikova
Venue: Online webinar
Topic: Primary immunodeficiencies and COVID-19

PROGRAM



ORGANIZING COMMITTEE CO-CHAIRS

Alexander Fedotov
Rector
OSU named after I.S. Turgenev,
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Orel, Russia

Irina Snimshchikova
Director of the Medical Institute,
Head of Orel State University Department of Immunology and Specialized Clinical Disciplines
Doctor of Medical Sciences, Professor
Honored Worker of the Higher Professional Education of the Russian Federation,
Orel, Russia

ORGANIZING COMMITTEE MEMBERS

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Federal Assembly State Duma Deputy of the Russian Federation,
Doctor of Technical Sciences, Professor
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Vladimir Krugly
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Primary Immunodeficiency Clinical Unit and Laboratory of the Department of Dermatology at Semmelweis University, Budapest, Hungary
Rockefeller University, New York, NY, USA

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Andrey Vashushin
Director of the accreditation and simulation center of Orel State University
Orel, Russia

Valeria Antsupova
MD, PhD Department of Clinical Microbiology Copenhagen University Hospital, Herlev and Gentofte, Denmark

PROGRAM COMMITTEE

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Herlev and Gentofte, Denmark

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Irina Tuzankina
Chief Researcher of the Laboratory of Inflammation Immunology of Immunology and Physiology Institute RAS Ural Branch, chief pediatric immunologist of Sverdlovsk Region Ministry of Health, General Secretary of Russian Scientific Society of Immunologists (RSSI), Doctor of Medical Sciences, Professor, Honored Scientist of the Russian Federation, Yekaterinburg, Russia

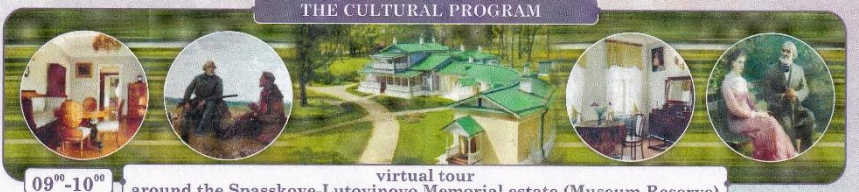
TECHNICAL SUPPORT

Paitsar Danielyan
Senior Lecturer of Orel State University Department of Public Health, Healthcare and Hygiene
Orel, Russia

Natalia Kotlovskaya
Associate Professor of Orel State University Department of Immunology and Specialized Clinical Disciplines, Candidate of Medical Sciences,
Orel, Russia

NOVEMBER 30

THE CULTURAL PROGRAM



09^{00}-10^{00} virtual tour around the Spasskoye-Lutovinovo Memorial estate (Museum-Reserve)

OPEN

OPENING OF THE CONFERENCE

Laszlo Marodi

Vladimir Krugly

Olga Pilipenko

Alexander Fedotov

Botir Daminov

Irina Snimshchikova

10^{00}-10^{30} Greetings from the organizing committee

MODERATORS

Andrey Prodeus

Irina Snimshchikova

PART ONE

10^{30}-11^{00}

«Greeting from New York»
Prof. **Laszlo Marodi**, MD, PhD,
Head of the J Project,
Primary Immunodeficiency Clinical Unit and Laboratory of the Department of Dermatology at Semmelweis University, Budapest, Hungary Rockefeller University, New York, NY, USA

11^{00}-11^{40}

«COVID-19 - infections: problems and solutions»
Chereshnev Valery Aleksandrovich
Scientific Director of the Institute of Immunology and Physiology of Russian Academy of Sciences Ural Branch, President of the RSSI, Doctor of Medical Sciences, professor, Academician of the Russian Academy of Sciences, Yekaterinburg, Russia

11^{40}-12^{10}

«Invasive Pneumococcal disease before and during Covid-19 pandemic»
Valeria Antsupova
MD, PhD Department of Clinical Microbiology Copenhagen University Hospital, Herlev and Gentofte, Denmark

12^{10}-12^{40}

«Human CARMIL2 deficiency: lessons from the largest worldwide cohort»

Vivien Béziat

PhD, Laboratory of Human Genetics of Infectious Diseases INSERM, Paris Descartes University, Paris, France

12^{40}-14^{00}

Answers on questions. Discussions. Break

14^{00}-14^{30}

«Medical care for children on an outpatient basis in the era of COVID-19»

Shamansurova Elmira Amanullaevna

Head of the Tashkent Pediatric Medical Institute Department of Outpatient Medicine, physical education (TashPMI), Doctor of Medical Sciences, professor, Tashkent, Republic of Uzbekistan

14^{30}-15^{00}

«Clinical recommendations for allergology and clinical immunology. Creation and implementation in practice»

Ilyina Natalya Ivanovna

Deputy Director - Chief Physician of the FSBI "State Research Center Institute of Immunology" FMBA of Russia, Vice-President of RAACI, Member of the Board of RSSI, Doctor of Medical Sciences, professor, Moscow, Russia

15^{00}-15^{30}

«Management of patients with primary immunodeficiency during the COVID-19 pandemic»

Latysheva Elena Aleksandrovna

Leading Researcher of the Immunopathology Department of the FSBI "State Research Center Institute of Immunology" FMBA of Russia, General Secretary of RAACI, Doctor of Medical Sciences, Moscow, Russia

15^{30}-16^{00}

«Practical approaches to the diagnosis of immunodeficiencies. Modern tendencies»

Prodeus Andrey Petrovich

Head of the Clinical Immunology Department of NGEPI APE HMS Member of the Board of the Russian Scientific Society of Immunologists (RSSI), Doctor of Medical Sciences, professor, Moscow, Russia

16^{00}-16^{30}

«Vaccination: history and present»

Kondratenko Irina Vadimovna

Head of the Russian Children's Clinical Hospital Department of Clinical Immunology and Rheumatology FSAEI HE Pirogov Russian National Research Medical University, Ministry of Health of Russia, Professor of the Department of Immunology FSAEI HE Pirogov RNRMU, MH of Russia, Doctor of Medical Sciences, Professor, Moscow, Russia

16^{30}-17^{00}

«MIS-C diagnosis and treatment - the Swedish story»

Anna Carin Horne

MD, PhD, Pediatric reumathology unit Karolinska University Hospital, Stockholm, Sweeden

17^{00}-17^{30}

«Immunogenetics of human herpesvirus infections»

Shen-Ying Zhang

MD, PhD Associate professor of clinical investigation St. Giles Laboratory of Human Genetics of Infectious Diseases The Rockefeller University, New York, USA

17^{30}-18^{00}

Answers on questions. Discussions. Summing up of the first day.

DECEMBER 1

MODERATORS

Alexey Medvedev

Ivan Kozlov

Irina Snimshchikova

PART TWO

10^{00}-10^{30}

«Violation of hemostasis in SARS-CoV-2»

Rumyantsev Sergey Aleksandrovich

Head of the Oncology, Hematology and Radiation Therapy Department of RNRMU named after N.I. Pirogov Ministry of Health of Russia, Scientific director of the University Clinic of Orel State University, Corresponding Member of the Russian Academy of Sciences, Doctor of Medical Sciences, professor, Moscow, Russia

10^{30}-11^{00}

«MUCOSAL IMMUNITY, MICROBIOTE, ANTIBIOTICS: delicacy of interaction»

Kozlov Ivan Genrikhovich

Professor of the Department of Organization and Management in the field of drug circulation, IPE of the First Moscow State Medical University named after I.M.Sechenov, Vice-President of RSSI, Doctor of Medical Sciences, professor ,Moscow, Russia

11^{00}-11^{15}

«Anemia and COVID-19»

Solovieva Alina Viktorovna

Professor of the Department of Obstetrics, Gynecology and Reproductive Medicine, faculty of advanced training, FSBEI HE RUDN, Doctor of Medical Sciences, Moscow, Russia

11^{45}-12^{05}

«Primary immunodeficiencies - autoinflammatory diseases»

Tuzankina Irina Aleksandrovna

Chief Researcher of the Laboratory of Inflammation Immunology of Immunology and Physiology Institute RAS Ural Branch, Chief Pediatric Immunologist of the Ministry of Health of the Sverdlovsk Region, General Secretary of RSSI, Doctor of Medical Sciences, professor, Honored scientist of Russia, Yekaterinburg, Russia

11^{15}-11^{45}

«Primary immunodeficiencies - diseases of immune dysregulation»

Bolkov Mikhail Artemovich

Senior Researcher FSAEO HE UralFU named after the first president of Russia B.N.Yeltsin
Candidate of Medical Sciences, Yekaterinburg, Russia

12^{05}-12^{35}

«Features of the course of COVID-19 in children with congenital immunity errors»

Vlasova Elena Viktorovna

Head of the Consultative and Diagnostic Department of the SAHI of SR Regional Children's Clinical Hospital,
Candidate of Medical Sciences, Yekaterinburg, Russia

12^{35}-13^{05}

«Diagnostic Dilemmas – a case study on the limitations of different molecular assays for the detection of SARS-CoV-2 »

Martin Barfred Friis

Molecular biologist, PhD Department of Clinical Microbiology, Copenhagen University Hospital, Herlev and Gentofte, Denmark

13^{05}-13^{15}

«Topical issues of teaching immunology in the aspect of primary immunodeficiencies»

Snimshchikova Irina Anatolyevna

Director of the Medical Institute, Head of Orel State University Department of Immunology and Specialized Clinical Disciplines,
Doctor of Medical Sciences, Professor, Honored Worker of the Higher Professional Education of the Russian Federation,
Orel, Russia

13^{15}-13^{25}

«Epidemiology of primary immunodeficiencies in the Oryol region»

Fisyun Ivan Vladimirovich

Head of the Pediatric Oncology and Hematology Department of SCMC under the name of Z.I. Krugloy,
hematologist, Orel, Russia

13^{25}-13^{35}

«Epidemiology of primary immunodeficiencies in the Kursk region»

Yudina Svetlana Mikhailovna

Head of the Clinical Immunology, Allergology and Phtiziopulmunology Department of FSBEI of HI KSMU
Ministry of Health of Russia, Doctor of Medical Sciences,
professor, Kursk, Russia

13^{35}-13^{45}

«Epidemiology of primary immunodeficiencies in the Belgorod region»

Smoleva Irina Vladimirovna

Chief supernumerary pediatric specialist allergist-immunologist,
Doctor allergologist-immunologist of the highest qualification category RSBHI "CRCH"
Belgorod, Russia

Pakhomov Sergey Petrovich

Head of the Department of Obstetrics and Gynecology of National Research University "BelSU", Doctor of Medical Sciences,
professor, Belgorod, Russia

13^{45}-13^{55}

«Epidemiology of primary immunodeficiencies in the Tula region»

Shnitkova Anastasia Mikhailovna

Врач аллерголог-иммунолог ГУЗ "Тульская детская областная клиническая больница"
г. Тула, Россия

13^{55}-14^{05}

«COVID-19 in pregnant women: experience of the region»

Lyagushkina Galina Nikolaevna

Obstetrician-gynecologist of the maternity department with infectious hospital beds for pregnant women, puerperas and birthing mothers with COVID-19 State health institution "Don City Hospital No. 1", Tula, Russia

Volkov Valery Georgievich

Head of the Tula State University Department of Obstetrics and Gynecology,
Doctor of Medical Sciences, Professor, Tula, Russia

14^{05}-14^{15}

«Epidemiology of primary immunodeficiencies in the Bryansk region»

Volodina Elena Vladimirovna

Head of the Bryansk Clinical Diagnostic Center Department of Allergy and Immunology,
Bryansk, Russia

14^{15}-14^{25}

«Epidemiology of primary immunodeficiencies in the Lipetsk region»

Yarovaya Irina Vladimirovna

Head of the Department of Allergology and Immunology, Pulmonology, SHI "Regional Children's Hospital",
allergist-immunologist, pulmonologist, doctor of the highest qualification category,
Chief Specialist in Pediatric Allergology and Immunology of Regional Health Department, candidate of medical sciences,
Lipetsk, Russia

14^{25}-15^{00}

Answers on questions. Discussions. Summing up of the conference.

INTERNATIONAL EDUCATIONAL PROJECT
ON PRIMARY IMMUNODEFICIENCIES - J PROJECT
PROJECT

- REGISTER -
- SUBMIT MATERIALS -
- SUBMIT AN APPLICATION FOR TRAINING -

Access to the conference is provided after registration.
Contact information: Andrey Vashunin, +7 (910) 747-99-49, write a letter

SUMMARY

From November 30 to December 1 on the basis of the Medical Institute of FSBEI HE Oryol State University named after I.S. Turgenev was held an international scientific and practical conference «School for Practitioners» «Online J PROJECT on PID and COVID 19 Meeting 2021, OREL, RUSSIA».

Conference organizers: Orel State University named after I.S. Turgenev, Russian Scientific Society of Immunologists, Medical Chamber of the Orel Region, Tashkent Pediatric Medical Institute. The event was held under the auspices of the international educational project on primary immunodeficiencies - J PROJECT, with the support of the Social Policy Committee of the Federation Council of the Federal Assembly of the Russian Federation.

Before opening of the conference, all participants had an opportunity to visit the joint Museum of Orel-Writers and the Spasskoye-Lutovinovo Memorial estate (Museum-Reserve) in the format of "Virtual Tour". Welcoming speeches at the opening of the conference were made by:

- Rector of FSBEI HE “OSU named after I.S. Turgenev"
  Fedotov Alexander Anatolyevich
- Deputy of the Federal Assembly State Duma of the Russian Federation
  Pilipenko Olga Vasilievna
- Senator of the Russian Federation Federal Assembly Council of the Federation
  Krugly Vladimir Igorevich

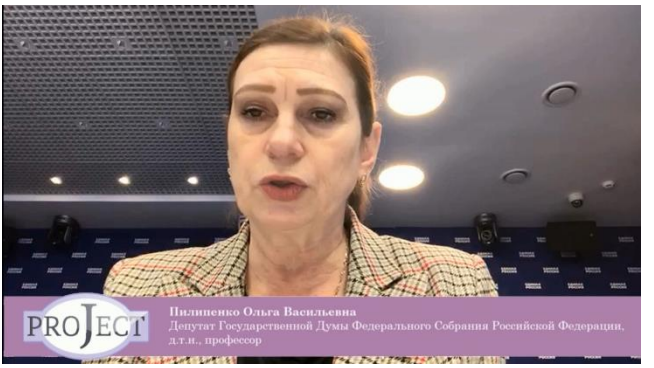
- Rector of the Tashkent Pediatric Medical Institute
  Botir Daminov
- Councilor at the University administration of Orel State University
  Budarin Alexander Yuryevich
- Director of the OSU Medical Institute
  Snimshchikova Irina Anatolyevna,

who congratulated the participants with the start of the J Project 333rd anniversary meeting - an international educational project on primary immunodeficiencies, mentioning that for the third time this international school-conference is being held in Orel on the basis of the Medical Institute of Oryol State University named after I.S. Turgenev. All speakers noted that the main goal of the event was to convey to practicing and future doctors the most important and urgent problems of primary immunodeficiencies, as well as to discuss the current situation related to the new coronavirus infection COVID-19, including new achievements and technologies developed in this sphere, emphasizing that the topics of the congress and reports with the participation of leading Russian and foreign experts will be of interest to teachers, students, doctors of various specialties and will allow them to expand their knowledge in fundamental and clinical immunology, help in educational and practical activities.

Efremova Vera Vitalievna (UL), Stupin Sergei Afanasyevich (LL) and Aleksey Merkulov (LR)

Fedotov Alexander Anatolyevich

Krugly Vladimir Igorevich



Pilipenko Olga Vasilievna

Botir Daminov

Snimshchikova Irina Anatolyevna

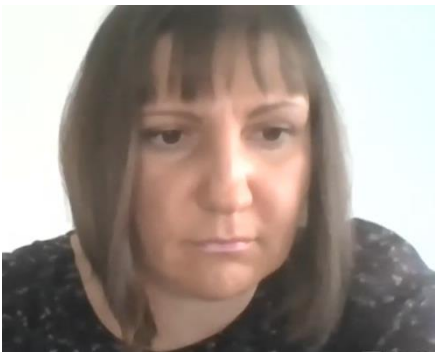
The moderators of the conference were;

- Prof. Snimshchikova Irina Anatolyevna
- Prof. Prodeus Andrey Petrovich
- Prof. Kozlov Ivan Genrikhovich,
- Associate Prof. Medvedev Alexey Igorevich

At the conference on November 30 - December 1 on the topical issue of immunopathophysiology, diagnosis and treatment of a new coronavirus infection COVID-19, the following speakers presented their reports:

- Scientific Director of the Institute of Immunology and Physiology of Russian Academy of Sciences Ural Branch, President of the RSSI, professor, Academician of the Russian Academy of Sciences, **Chereshnev Valery Alexandrovich** - report topic «COVID-19 - infections: problems and solutions»

- Clinical Microbiologist, Department of Clinical Microbiology of Copenhagen University Hospital Herlev and Gentofte, MD, PhD, Copenhagen, Denmark, **Valeria Antsupova** - report topic: «Invasive pneumococcal infection before and during the COVID-19 pandemic»;



- Head of the Tashkent Pediatric Medical Institute Department of Outpatient Medicine, physical education (TashPMI), Doctor of Medical Sciences, professor, Tashkent, Republic of Uzbekistan, **Shamansurova Elmira Amanullaevna** – report topic «Medical care for children on an outpatient basis in the era of COVID-19»
- Head of the Russian Children's Clinical Hospital Department of Clinical Immunology and Rheumatology FSAEI HE Pirogov Russian National Research Medical University, Ministry of Health of Russia, Professor of the Department of Immunology FSAEI HE Pirogov RNRMU, MH of Russia, **Kondratenko Irina Vladimovna** - report topic «Vaccination: history and present»;

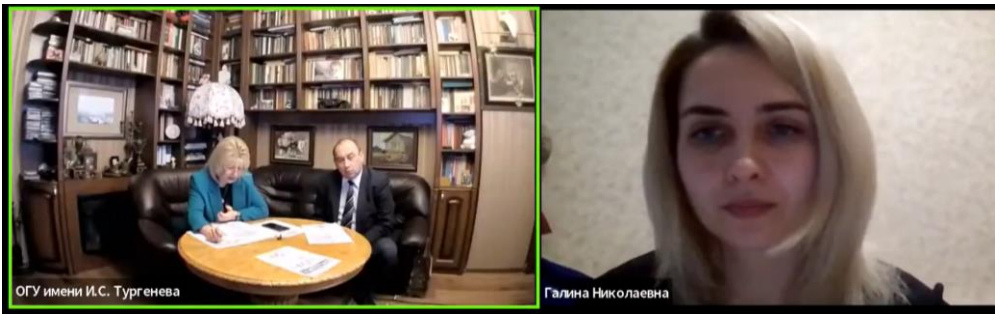
- Pediatrician, Department of Pediatric Rheumatology, Karolinska University Hospital, PhD, (Stockholm, Sweden) **Anna Karin Horn** - report topic «Multisystem Inflammatory Syndrome in Children connected to Covid-19: diagnosis and treatment, Swedish experience»

- Head of the Oncology, Hematology and Radiation Therapy Department of RNRMU named after N.I. Pirogov Ministry of Health of Russia, Scientific director of the University Clinic of Orel State University, Corresponding Member of the Russian Academy of Sciences, professor Rumyantsev Sergey Aleksandrovich – report topic «Violation of hemostasis in SARS-CoV-2»;

- Professor of the Department of Organization and Management in the field of drug circulation, IPE of the First Moscow State Medical University named after I.M.Sechenov, Vice-President of RSSI, **Kozlov Ivan Genrikhovich** – report topic: «Evolution of laboratory diagnostics of COVID-19: RESULTS OF 2-YEAR EXPERIENCE»

- Professor of the Department of Obstetrics, Gynecology and Reproductive Medicine, faculty of advanced training, FSBEI HE RUDN, **Solovieva Alina Viktorovna** - report topic «Anemia and COVID-19»

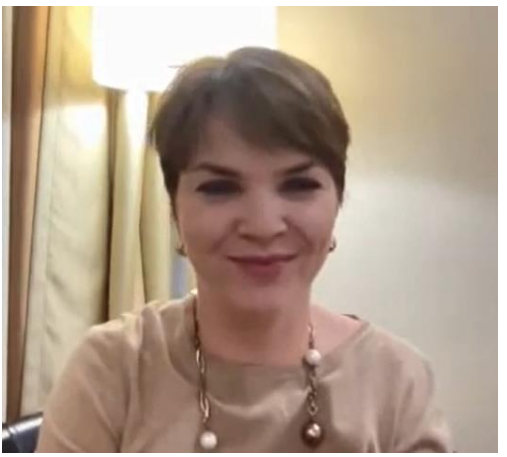
- Head of the Tula State University Department of Obstetrics and Gynecology, Professor, **Volkov Valery Georgievich**; obstetrician-gynecologist of the maternity department with infectious hospital beds for pregnant women, puerperas and birthing mothers with COVID-19 State health institution "Don City Hospital No. 1", **Lyagushkina Galina Nikolaevna** – report topic «COVID-19 in pregnant women: experience of the region»



- Molecular biologist, PhD Department of Clinical Microbiology, University Hospital Herlev and Gentofte (Copenhagen, Denmark) Martin Barfred Friis – report topic «Diagnostic dilemmas: analysis of the disadvantages of various molecular diagnostic methods for SARS-CoV-2»

On the problem of primary immunodeficiencies, including during the COVID-19 pandemic, the following speakers spoke:

- **Vivienne Beziat**, PhD, Laboratory of Human Genetics of Infectious Diseases INSERM, Paris Descartes University, Paris, France – report topic: «Deficiency of CARMIL2 in the human body: lessons from the world's largest cohort»;

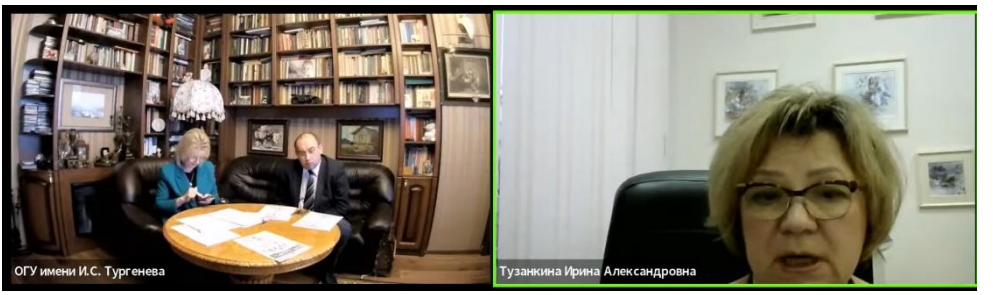


- Leading Researcher of the Immunopathology Department of the FSBI "State Research Center Institute of Immunology" FMBA of Russia, General Secretary of RAACI, **Latysheva Elena Aleksandrovna** – report topic « Management of patients with primary immunodeficiency during the COVID-19 pandemic»

- Head of the Clinical Immunology Department of NGEPI APE HMS Member of the Board of the Russian Scientific Society of Immunologists (RSSI), professor, **Andrey Prodeus** – report topic «Assessing Immunity in Rare Disease Patients in Light of Expanding Neonatal Screening»

- Associate professor of clinical investigation St. Giles Laboratory, The Rockefeller University MD, PhD (New York, USA) **Shen-Ying Zhang** – report topic «Immunogenetics of Human Herpes Virus Infections»

- Chief Researcher of the Laboratory of Inflammation Immunology of Immunology and Physiology Institute RAS Ural Branch, Chief Pediatric Immunologist of the Ministry of Health of the Sverdlovsk Region, General Secretary of RSSI, professor, Honored scientist of Russia, **Tuzankina Irina Aleksandrovna** – report topic «Primary immunodeficiencies - autoinflammatory diseases»



Senior Researcher FSAEO HE UralFU named after the first president of Russia B.N. Yeltsin, Candidate of Medical Sciences, **Bolkov Mikhail Artemovich** – report topic «Primary immunodeficiencies - diseases of immune dysregulation»

Head of the Consultative and Diagnostic Department of the SAHI of SR Regional Children's Clinical Hospital Candidate of Medical Sciences, **Vlasova Elena Viktorovna** – report topic «Features of the course of COVID-19 in children with congenital immunity errors»

Director of the Medical Institute, Head of Orel State University Department of Immunology and Specialized Clinical Disciplines, Professor, Honored Worker of the Higher Professional Education of the Russian Federation, **Snimshchikova Irina Anatolyevna** – report topic «Topical issues of teaching immunology in the aspect of primary immunodeficiencies».

Irina Snimshchikova

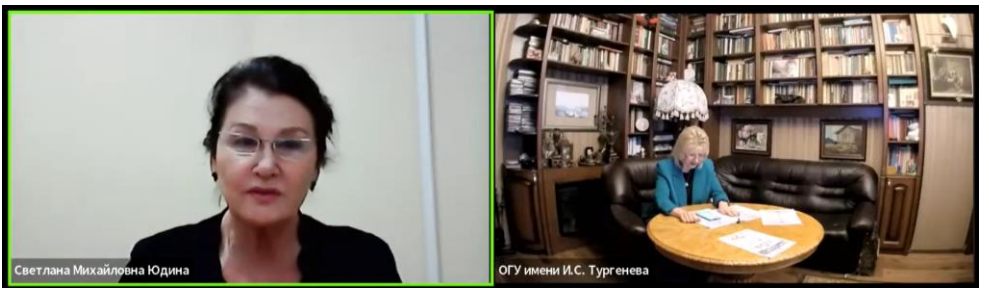
OREL, RUSSIA DECEMBER 1

Host: Irina Snimshchikova
Venue: Online webinar
Topic: JP subsidiary project in Central Russia

PROGRAM

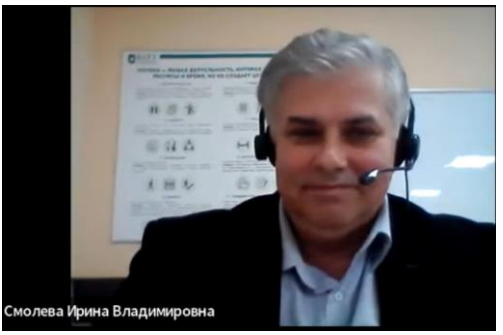
Within the framework of the conference, on December 1, a meeting of the CFD Coordinating Council on PID - a JP subsidiary project in Central Russia (Chairman Snimshchikova I.A.), was held, where the following specialists from nearby regions of the CFD made reports on the problem of the epidemiology of primary immunodeficiencies:

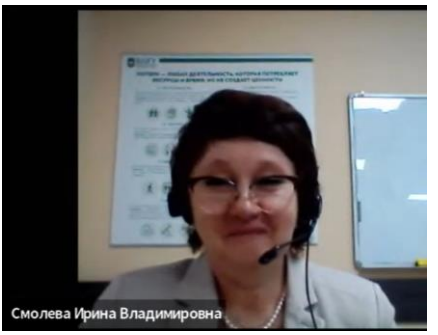
- Head of the Clinical Immunology, Allergology and Phtiziopulmunology Department of FSBEI of HI KSMU Ministry of Health of Russia, professor, **Yudina Svetlana Mikhailovna** (Kursk)



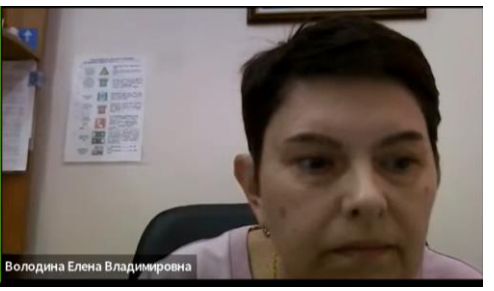
- Head of the Pediatric Oncology and Hematology Department of SCMC under the name of Z.I. Krugloy, hematologist, **Fisyun Ivan Vladimirovich** (Orel)

- Chief supernumerary pediatric specialist allergist-immunologist, Doctor allergologist-immunologist of the highest qualification category RSBHI "CRCH" **Smoleva Irina Vladimirovna**; head of the Department of Obstetrics and Gynecology of National Research University "BelSU", professor, **Pakhomov Sergey Petrovich** (Belgorod)

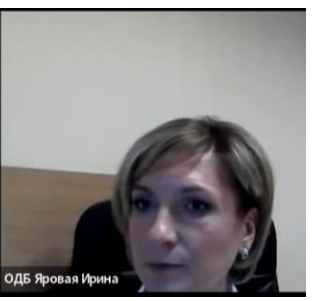




- Head of the Bryansk Clinical Diagnostic Center Department of Allergy and Immunology, **Volodina Elena Vladimirovna** (Bryansk)



- Head of the Department of Allergology and Immunology, Pulmonology, SHI "Regional Children's Hospital", allergist-immunologist, pulmonologist, doctor of the highest qualification category, chief specialist in pediatric allergology and immunology of UWD, Ph.D. **Yarovaya Irina Vladimirovna** (Lipetsk).



About 200 listeners took part in the discussions that were organized during the conference, the speakers answered questions related to the current situation of COVID-19, the information content of diagnostic methods, the effectiveness of various approaches to the treatment of infection caused by SARS-CoV-2, as well as issues of immunogenetics of COVID-19, PID. At the end of the discussion, the organizing committee announced the planned new international scientific and practical conference dedicated to topical issues of childhood pathology and invited listeners to participate in the event.

English – Russian reports conference interpreting was carried out by Associate Professor Kotlovskaya N.N.

SUMMARY

More than 500 registered listeners and speakers from 16 countries (Russia, USA, Denmark, France, Uzbekistan, Tajikistan, Turkmenistan, Egypt, India, etc.) and from 24 regions of the Russian Federation took part in the school-conference. The largest number of participants was registered from the Orel, Kursk, Belgorod, Bryansk, Sverdlovsk, Moscow regions of the Russian Federation. Group connections were arranged for students of medical institutions of Oryol, Belgorod and Kursk. The conference was attended by doctors of 30 specialties: allergologists-immunologists, pediatricians, therapists, obstetricians-gynecologists, endocrinologists, cardiologists, neurologists, ophthalmologists, infectious disease specialists, etc.

The event was broadcast online on the Zoom and YouTube platforms. The duration of the broadcast of the first day of the conference was 9 hours 19 minutes and 7 hours 27 minutes for the second day. The broadcast of the conference has more than 1100 views.

The organizing committee received gratitude from Russian and foreign participants of the conference for an interesting, highly topical, and eventful program. The Organizing Committee of the Conference expresses its sincere gratitude to the Director of the Accreditation and Simulation Center of the Federal State Budgetary Educational Institution of Higher Education “OSU named after I.S. Turgenev” Andrey Aleksandrovich Vashunin for the high technical level of the conference.

Irina Snimshchikova

DEBRECEN, HUNGARY DECEMBER 2

Host: Kitti Linda Pázmándi & Noémi Miltner
Venue: „Árpád Tóth" Grammar School
Topic: PID for students

PROGRAM

Kitti Linda Pázmándi
Me and my immune system: Best Friends Forever

András Arató
Nutrition and immunity

The main building of "Tóth Árpád Gimnázium"

SUMMARY

On 2nd December 2021, the J Project Hungary event was held to secondary school students and their teachers, with the aim of teaching basic immunology and primary immunodeficiencies (PIDs).

The lecture by prof. András Arató present the most important diagnostic methods for the detecting the malnutrition and determining its severity level. Anthropometric measurements are highly important in the diagnosis, as well as evaluation of the body composition. In children with chronic malnutrition decreased height velocity (stunting) frequently occur. Chronic malnutrition could lead also disturbance of immune systems, because the proper supply of energy and nutrients are mandatory for the division of different immune cells, therefore in severe malnutrition both

innate and adaptive immune systems, as well as the gut mucosal immune system may not properly function.

The next lecture was given by Kitti Linda Pázmándi, research fellow, at University of Debrecen, Dep. of Immunology. The immune system has effective mechanisms to fight against the harmful effects of pathogens and eliminate them from the human body as soon as possible. In addition, the immune system also maintains long-lived memory cells, which provide a rapid and more efficient immune response upon repeated encounter with the same pathogen resulting in no or mild symptoms following re-infection. The aim of the vaccination is also to generate memory response prior to natural infection. Due to the COVID-19 pandemic, particular attention was given to the mechanisms of immune responses against viruses in the presentation for high school students. It has been presented how the immune cells can recognize the viruses and which effector mechanisms they use to inhibit the replication and spread of viruses in the human body. Furthermore, students had the opportunity to learn about the mechanism of COVID-19 vaccines and about those diagnostic methods, which are used for the detection of viral antigens or antibodies generated against the virus in human samples. It has been also introduced to the students how the viruses can avoid the immune recognition and responses by various evasion mechanisms, and what humankind could do to stop the COVID-19 pandemic in the future.

Kitti Linda Pázmándi & Noémi Miltner

LJUBLJANA, SLOVENIA DECEMBER 2

Host: Natasa Toplak & Tadej Avcin
Venue: University Children's Hospital Ljubljana, Live meeting and online webinar
Topic: Primary immunodeficiencies

PROGRAM

GATA 2 deficiency- inborn error of immunity with myelodyspalsia; genetics, mechanism, clinical picture, treatment; case report of a 16-year-old patient with GATA 2 deficiency, MonoMAC syndrome, HLH and discussion about treatment with BMT
Lara Petrič & Gašper Markelj

Netherton syndrome, review of the literature and case discussion of a 4-month-old girl with SPINK5 mutation; genotype/ phenotype correlation and treatment possibilities
Meta Smerkolj & Markelj Gašper

Treatment with sc. Immunoglobulins; our experience in PID and treatment possibilities in secondary immune deficiencies
Štefan Blazina

Spectrum of immune- mediated complications of COVID-19 infection
Maša Bizjak

Vaccination against SARS-CoV-2 infection in children with rheumatic diseases
Nataša Toplak

Discussion and conclusions
Tadej Avčin

SUMMARY

Department of Allergology, Rheumatology and clinical Immunology organized an Immunological conference in December 2021. Due to epidemiological situation in Slovenia and worldwide the participation to the conference was limited to 20 people on site; however, participants were able to join the conference online. It was well attended by young doctors, pediatric residents, who also actively participated at the meeting and well attended by pediatric subspecialists. Under the supervision of a senior specialist residents prepared 3 presentations and actively discussed the cases.

Department team: Tadej Avčin (head), Natasa Toplak, Stefan Blazina, Gasper Markelj, Nina Emersic, Tina Vesel, Anja Koren Jeverica; residents: Masa Bizjak, Ana Marija Spanovic; and residents on rotation: Nusa Cesar, Katja Zemljaric

Resident Lara Petrič, under the supervision of Gašper Markelj, prepared the case presentation of a 16-year-old female patient with GATA 2 deficiency. Clinical picture, which included pancytopenia, HLH syndrome and infection with atypical mycobacteria (Mycobacterium avium) was presented. Genetic testing confirmed diagnosis and the patient is now waiting for bone marrow transplantation. The disease GATA-2 deficiency and MonoMAC syndrome has been extensively described and discussed.

Resident Meta Smerkolj, under the supervision of Gašper Markelj, prepared the case of a new-born child with Netherton syndrome. Septic coxitis complicated the clinical picture in neonatal period. Genetic testing confirmed diagnosis and the prognosis of this child, due to a very rare mutation, found in a literature in only one study, is unclear. The disease Netherton syndrome has been extensively described and discussed.

Štefan Blazina, staff physician, presented our data on treatment with sc immunoglobulins, which is now, after more than 10 years, well established in out center. We also discussed the possibilities of sc immunoglobulins in a case of secondary immune deficiencies.

In the last part of the meeting we presented the "hot topic" of the current epidemiological global situation of COVID-19 pandemics. Resident Maša Bizjak, under the supervision of prof. Avčin, presented the spectrum of immune-mediated complications of COVID-19 infections. At our department we have treated more than 50 cases of MIS-c syndrome up to December 2021 and we have seen more than 30 cases of COVID-19 related vasculitis. All children recovered without sequel and the department protocol for treatment of these children was discussed. In the last lecture Nataša Toplak, staff physician, presented the data on vaccination against SARS-CoV-2 infection in children with rheumatic disease, mainly the data on safety of vaccination. The data on immunology and efficacy are still being collected.

The meeting was concluded by prof.dr. Tadej Avčin, who also led the discussion. The meeting stated at 1 pm, the discussion was prolonged to the late hours of the afternoon and we finished the meeting at 6 pm. The meeting was very well accepted among residents who gained new knowledge on rare diseases and also paediatric specialists, including hemto-oncologists, rheumatologists, pulmologists, infectious disease specialists and others were able to gain new information on the topics of the conference.

Natasa Toplak

University Medical Center, Ljubljana

WARSAW, POLLAND DECEMBER 3-4

Host: Malgorzata Pac & Ewa Bernatowska
Venue: Online webinar
Topic: PID-COVID

IX Conference of Polish Working Group for PID

organized by CMHI, in co-operation with J Project, Polish Society of Experimental and Clinical Immunology, Polish Science Academy – Committee of Immunology and Human Infections Ethiology, and JMF

Malgorzata Pac and Ewa Bernatowska

PROGRAM

DECEMBER 3

Session I: Clinical Immunology in Poland: today and tomorrow
Chairs: Małgorzata Pac, Ewa Bernatowska

Development of clinical immunology in Poland
Sylwia Kołtan, Country Consultant in clinical immunology (Bydgoszcz)

New therapeutic program – congenital angioedema
Karina Jahnz-Różyk, Country Consultant in Allergology (Warsaw)

Vaccination in autoimmune diseases
Ewa Bernatowska (Warsaw)

Discussion

Session II: COVID-19 – prophylaxis and treatment
Chairs: Małgorzata Pac, Ewa Bernatowska

SARS-CoV-2 – what we have learnt?
Marek Migdał, Director CMHI (Warsaw)

Vaccinations against COVID-19 and adverse events
Andrzej Czesławski, Office for Registration of Medicinal products, Medical Devices and Biocidal Products (Warsaw)

SARS-CoV-2 vaccination and myocarditis
Małgorzata Żuk, CMHI (Warsaw)

Myocarditis and PIMS
Piotr Buda, CMHI (Warsaw)

Discussion

Session III: COVID-19 and IEI
Chairs: Małgorzata Pac, Ewa Bernatowska

Genetic and Immunological Causes of Life-Threatening COVID-19
Jean-Laurent Casanova, Rockefeller University (New York, US), Necker Hospital (Paris, France)

Immunological responses to SARS-CoV-2 natural infection and vaccination in patients with antibody deficiencies
Adrian M. Shields, College of Medical and Dental Sciences (Birmingham, UK)

Discussion

DECEMBER 4

Session IV: Varia
Chairs: Małgorzata Pac, Ewa Bernatowska

New developments in newborn screening for inborn errors of immunity.
Mirjam van der Burg (Leiden, Netherlands)

COVID-19 in IEI patients – ESID registry
Isabelle Meyts, President of ESID, Leuven, Belgium

Discussion

Session V: Genetic tests in IEI
Chairs: Małgorzata Pac, Ewa Bernatowska, Rafał Płoski

WES in diagnostic of IEI
Rafał Płoski (Warsaw)

A pitfall of whole exome sequencing: A mutation in the 5'UTR splice site of BTK causes XLA
Sanami Takada (Tokyo, Japan)

Old diseases – new genes
Aleksandra Matyja-Bednarczyk, (Cracow)

Discussion

Session VI – Plasma and its derivatives – since collection to optimal use
Chairs: Małgorzata Pac, Sylwia Kołtan

Law and regulations in Poland
Marcin Pieklak, layer (Warsaw)

„Immunoglobulins: how, when, to whom? Expert's Panel discussion
Małgorzata Pac (Warsaw)
Sylwia Kołtan (Bydgoszcz)
Karina Jahnz-Różyk (Warsaw)
Jacek Roliński (Lublin)
Anna Kostera-Pruszczyk (Warsaw)
Ewa Więsik-Szewczyk (Warsaw)

Session VII: Diagnostic and therapeutic dillema in IEI
Chairs: Małgorzata Pac, Sylwia Kołtam

„Is it worth to look after a new disease in already diagnosed patients? - panel discussion
Małgorzata Pac (Warsaw)
Nel Dąbrowska-Leonik (Warsaw)
Dariusz Rokicki (Warsaw)
Krzysztof Kałwak (Wrocław)

Closing remarks

SUMMARY

The 9th Meeting of the Polish Working Group for Primary Immunodeficiencies was another one in a series of annual meetings. Due to the pandemic it was online on December 3-4, 2021. The conference was organized by Department of Immunology and the Children's Memorial Health Institute in Warsaw, in cooperation with JProject Group, JMF, Polish Society of Experimental and Clinical Immunology and Polish Academy of Science. We hosted many internationally recognized and distinguished speakers, leaders in the field of immunology and genetics from US, UE, Japan, joining us online. Many speakers from Poland joined us personally.

The main topic of conference was COVID-19 in IEI patients in particular, but also in general population. Two sessions were dedicated to COVID-19. The first one covered complications of the disease in pediatric population and Polish experience with the disease as well as adverse effects after immunization against COVID-19. During the second session prof. Jean-Laurent Casanova presented the genetic and immunological reasons of life-threatening COVID-19, while dr. Adrian Shields gave a talk on immunological responses to SARS-CoV-2 natural infection and vaccination in patients with antibody deficiencies. The next day the audience could listen to prof. Isabelle Meyts presenting ESID reports on COVID-19 in IEI population.

During the second day of the conference very important issues of genetic tests were discussed, such as role of WES with its benefits and pitfalls in the process of IEI diagnosis. Prof. Mirjam van der Burg presented new developments in newborn screening for inborn errors of immunity. Two sessions were focused on development of clinical immunology in Poland, including new program for inherited angioedema prophylaxis, vaccinations in autoimmune diseases and very important problem of availability of immunoglobulin preparations and law regulation in Poland. The program was complemented by interesting and rare case reports.

Over 100 participants joined the meeting virtually, including colleagues from Ukraine, US, Slovakia. The next meeting is planned for the second part of 2022.

Malgorzata Pac & Ewa Bernatowska

Children's Memorial Health Institute, Warsaw

OREL, RUSSIA DECEMBER 6

Host: Irina Snimshchikova
Venue: Online webinar
Topic: 2nd Coordination Council Meeting

PROGRAM

Regions:

Oryol, Kursk, Bryansk, Tula, Belgorod, Lipetsk

Coordinators and speakers:

IA Snimshchikova, AI Medvedev,
AP Prodeus

1. The results of the JP conference (November 30 - December 01, 2021) were considered.
2. The issue of publishing a collection of reports on the results of the conference is being discussed.
3. Consideration of the issues of conducting a survey in the regions to identify the most typical problems in the current situation.
4. Other

SUMMARY

The results of the conference were discussed, the good participation of the regions of the Central Federal District in the event was noted. It was decided to publish a collection of reports on the results of the conference. Questions on epidemiology, diagnostics, routing of patients with PID were heard. The most typical problems for all regions of the Central Federal District have been identified.

Irina Snimshchikova

LVIV, UKRAINE DECEMBER 9-10

Host: Larysa Kostyuchenko Valentina Chopyak
Venue: Danylo Halytskyi National Medical University
Topic: Conference & Christmas readings in Lviv
COVID-19, long-COVID-19, post-COVID-19: their multiplicity and immune disorders

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PROGRAM

DECEMBER 9

Plenary Meeting
Challenges of SARS-COV-2 and scientific-practical medicine for immunocompromised patients
Moserators: *Nataliya Vynohrad, Oleksandr Zinchuk, Andriy Nakonechny, Valentyna Chopyak*

Immunological challenges during the coronavirus pandemic and management of immunocompromised patients
Valentyna Chopyak (Lviv)

Genetic variability of the host and sensitivity to SARS-CoV-2
Igor Kaidashev (Poltava)

Type I IFN immunity in patients with life-threatening COVID-19
Qian Zhang (New York)

DNase as a promising protector of lung damage due to SARS Cov-2 induced netosis and cytokine storm
Halyna Koval (Chernivtsi)

Extracellular DNA as a predictor marker of severe COVID-19
Victor Dosenko (Kiev)

Possibilities of the diagnosis of cellular immunity indicators in patients with COVID-19 using flow cytometry
Vitaliy Kyryk (Kiev)

Features of humoral immunity in COVID-19 patients
Oleksandr Zinchuk (Lviv)

COVID-19 as an indicator of state of system's preparendes of

protection against biological threats
Natalia Vynohrad (Lviv)

The *SARS-CoV-2 Delta* variant and specificities of patient's medical care
Olga Golubovska (Kiev)

Section
Innovative diagnostic technologies COVID-19, long-COVID, post-COVID
Moderators: *Svitlana Zubchenko, Olga Tolokh*

Diagnostic particularities of allergic diseases during the COVID-19 pandemic
Serhiy Zaikov (Kiev)

The role of the tryptase test for the vaccination of patients with allergopathology
Yevhenia Dytyatkovska (Dnipro)

Quantitative and qualitative laboratory markers of antibody production
Anastasia Bondarenko (Kiev)

Management of patients with hereditary angioneurotic edema
Khrystyna Lishchuk-Yakymovych (Lviv)

Modern diagnostic possibilities of allergic diseases during the COVID-19 pandemic *Svitlana Zubchenko* (Lviv)

Atopic dermatitis - modern approaches to diagnosis
Marta Lomikovska (Lviv)

Immunodeficiency and COVID-19: diagnosis and management
Dmytro Maltsev (Kiev)

Yaryna Romanyshyn, Larysa Kostyuchenko and Alla Volokha

Yaryna Romanyshyn, Oresta Pinyazhko and Oksana Gulenko

Section
Vaccinationand COVID-19, long-COVID, post-COVID
Moderators: *Larysa Kostyuchenko, Yaryna Romanyshyn, Natalia Tymko*

Organising and managing the vaccination campaign against SARS-CoV-2: front-line experiences from within a German vaccination centre
Boris Hait (Unna, Germany)

Vaccination against coronavirus infection in Lviv region: challenges and victories
Natalia Tymko (Lviv)

The relevance of influenza vaccination in the context of the COVID-19 pandemic
Alla Volokha (Kiev)

Features of vaccination of patients before and after organ transplants
Larysa Kostyuchenko (Lviv)

Tactics of vaccination of patients after bone marrow transplantation
Yaryna Romanyshyn (Lviv)

DECEMBER 10
Plenary Meeting
Fundamental immunological developments for practical medicine
Moderators: *Khrystyna Lishchuk-Yakymovych, Halyna Potemkina, Rostyslav Stoyka*

Hypoxia and its role in the pathogenesis of COVID-19
Volodymyr Portnichenko (Kiev)

Neutrophils and oxidative stress: a role in the pathogenesis of COVID-19
Alla Portnichenko (Kiev)

Ways to influence lymphocyte immunometabolism to reduce mortality in diabetic patients with COVID-19: therapeutic potential of metformin
Oleksandr Kamyshny (Ternopil)

A unique epitope in human tissues resulting from post translational proteins modification – clinical aspects
Andrzej Gamian (Wroclaw, Poland)

COVID-19 diagnostics and our experience in search for novel biochemical markers of disease severity
Rostyslav Stoyka, Yuriy Kit (Lviv)

Pathologies that lead to complications in COVID-19
Oleg Lushchak (Ivano-Frankivsk)

Management of patients with hereditary angioedema (HAE): from theory to practice
Khrystyna Lishchuk-Yakymovych (Lviv)

Clinical aspects of angioedema differential diagnosis
Olga Bondarchuk (Vinnytsia)

COVID-19: what should a cancer patient do?
Andriy Beznosenko, Veronika Patsko (Kiev)

Immunopathological syndromes in patients with systemic autoimmune connective tissue diseases on the background of COVID-19
Konstantin Ishcheikin (Kiev), *Halyna Potyomkina, Ihor Haiduchok* (Lviv)

Modern approaches to the treatment of multisystem inflammatory syndrome associated with COVID-19
Anastasia Bondarenko (Kiev)

Section
Standards of primary immunodeficiencies in Ukraine
Moderators: *Oksana Gulenko, Larisa Kostyuchenko, Oresta Pinyazhko, Valentyna Chopyak*

Secondary hypogamma-globulinemia in children
Alla Volokha, Tetyana Marunchyn (Kiev)

Deficiency of leukocyte adhesion in children and adults. Cohort study of Eastern Europe
Svetlana Sharapova (Minsk)

Nijmegen syndrome in Ukraine: diagnosis and treatment results
Larysa Kostyuchenko (Lviv)

Bruton's disease and LONG-COVID19. Clinical cases in Vinnytsia
Olga Bondarchuk (Vinnytsia)

Rare lung disease in a patient with DiGeorge syndrome
Yaryna Romanyshyn (Lviv)

Meeting of regional experts in immunology and non-governmental organization "Rare immune diseases"

Tools for ensuring the quality of medical care, directions and prospects of application
Oresta Pinyazhko, Oksana Gulenko (Kiev)

Which gives the standard PID for doctors and patients?
Valentyna Chopyak, Anastasia Bondarenko (Lviv-Kiev)

Benefits for the patient and implementation of primary immunodeficiency standards
Roman Shpak (Lviv)

Which questions have patients with primary immunodeficiency?
Oksana Strelnikova (Kiev)

Section
Pediatrics and COVID-19, long-COVID, post-COVID
Moderators: *Lesia Besch, Roksolyana Holovyn*

Post-COVID conditions in children
Alla Volokha (Kiev, Ukraine)

COVID-19 and allergic diseases in children: what has changed today?
Lesya Besh (Lviv)

Consequences of COVID-19 in children who required hospitalization
Olena Lychkovska (Lviv)

Experience of Lviv region physicians in the treatment of severe forms of COVID-19 and

the Ministry of Foreign Affairs associated with SARS-CoV-2 in children (a series of clinical cases) *Halyna Lytvyn* (Lviv)

Nephrological aspects of COVID-19 in children *Natalia Lukyanenko* (Lviv)

Post-COVID syndrome in children with respiratory pathology *Roksolyana Holovyn, Olena Trutyak* (Lviv)

Anna Havryliuk, Valentina Chopiak, Oksana Zayachkivska, Svitlana Zubchenko, Marta Lomikovska, Halyna Potiomkina, Roksolana Holovyn and Iryna Kril, among young scientists

SUMMARY

We had organized an international Christmas readings in Lviv entitled "Challenges of today's: COVID-19 and immunocompromised patients", that is traditionally organized by the Ukrainian Society of Immunologists, Allergists, and Immuno-rehabilitologists, the Danylo Halytskyi Lviv National Medical University and the Shevchenko Scientific Society.

There were 21 sections - professional platforms related to various issues of immunocompromised patients: Plenary sessions "CHALLENGES OF SARS-COV-2 AND SCIENTIFIC-PRACTICAL MEDICINE FOR IMMUNOCOMPROMISED PATIENTS", "IMMUNOCOMPROMISED

and ALLERGIC PATIENTS DURING COVID-19 PANDEMIC", sections on the management of COVID-19 in various fields of medicine, including pulmonology, cardiology, rheumatology, neurology, obstetrics, etc. Only some of this large program is shown in the table below, in particular the sections on primary immunodeficiency and covid in children. Separate sections were held on the topic "STANDARDS OF PRIMARY IMMUNODEFICIENCIES IN UKRAINE". Lectures were given by international experts from Germany, USA, UK, France, Italy, Poland, Belarus, as well as leading scientists and experts of Ukraine. A meeting of REGIONAL EXPERTS IN IMMUNOLOGY AND NON-GOVERNMENTAL ORGANIZATION "RARE IMMUNE DISEASES" was also held.

Immunologists, allergists, pediatric immunologists, pediatric allergists, family doctors, therapists, pediatricians, infectious disease specialists, pulmonologists, rheumatologists, cardiologists, otorhinolaryngologists, dermatologists, obstetricians, transplant gynecologists were invited to register for various sessions - professional sites. The number of participants was 2120 from all regions of Ukraine.

Larysa Kostyuchenko

SOFIA- PLOVDIV, BULGARIA DECEMBER 17

Host: Marianna Murdjeva & Elissaveta Naumova
Venue: Online webinar
Topic: Primary immunodeficiencies

PROGRAM

Application of Trec / Krec technology for detection of T- and B- cellular lymphopenia in immunocompromised individus *Snezhina Kandilarova, Valentina Atanasova, Marina Marinova, Atanaska, Georgieva, Spaska Lesichkova, Elisaveta Naumova*, Medical University, Sofia

Clinical effect after application of new, subcutaneous C1 esterase inhibitor in hereditary angioedema *Marianna Murdjeva, Maria Ivanovska, Petya Gardzheva, Milen Hristozov, Martina Boshkova*, Medical University, Plovdiv

Markers of immunosenescence in healthy persons *Yana Todorova, Radoslava Emilova, Veselina Koleva, Maria Nikolova*, NCID, Sofia

Dynamics in post-vaccine immune response to polysaccharide antigens Spaska Lesichkova, Snezhina Mihailova, Petya Yankova, Anastasia *Mikhailova, Elisaveta Naumova*, Medical University, Sofia

Mild course of COVID-19 infection in a patient with chronic granulomatous disease *Spaska Lesichkova, Snezhina Kandilarova, Veneta Milenova, Elisaveta Naumova*, Medical University, Sofia

SUMMARY

The National scientific conference was organized virtual due to the COVID-19 Pandemic by the Bulgarian Association of Clinical Immunology (www.aci-bg.org).

Prof. Elissaveta Naumova opened the conference by introducing the audience to the thematic directions included in 4 session scientific program. The first session comprised scientific lectures with main objective to evaluate the humoral and cellular specific immune responses and changes in cytokine background in healthy individuals vaccinated with mRNA and vector vaccines and HIV+ART+ patients; the application of IGRA tests to assess the development of a post-vaccination immune response and post-infectious immune response along with the measurement of the quantity of SARS-CoV-2 Trimeric S IgG antibodies.

The JProject session included lectures focused on immunologic investigations on rare diseases in immunology and inborn errors of immunity. Valentina Atanasova, presented the possible application of TREC / KREC technology for detection of T and B lymphopenia in individuals suspected for immune deficiency. Furthermore using this fast and cheap technology is a reliable and alternative approach to screening ID.

Prof. Marianna Murdjeva presented a clinical case convincingly demonstrates that the use of Takhzyro leads to significant clinical improvement by reducing the incidence of edema and side effects from co-administration with antihypertensive drugs.

Yana Todorova presented the results of the study of major T-cell subpopulations in heaithy adults. The data showed that in a significant proportion of the studied subjects signs of premature immune aging were found.

Dr. Spaska Lesichkova presented results on evaluation of the T-independent response to polysaccharide (S. pneumonie and H.influenzae) antigens in different age groups of the Bulgarian population. The results provide essential information on the level of protection against vaccine polysaccharides antigens and allow differentiation of individuals suspected of immune deficiency.

Dr. Veneta Milenova presented a clinical case of patient with HGD and mild course of COVID-19 infection. She discussed the possibility that regular treatment with interferon gamma and long-acting chemotherapeutic prophylaxis have contributed to the mild course of COVID-19 infection.

After the lectures a discussion took place, where several important questions including difficulties in managing PID patients in a pandemic setting were discussed.

Marianna Murdjeva & Elissaveta Naumova

KIEV, UKRAINE DECEMBER 18

Host: Anastasia Bondarenko & Svetlana Sharapova
Venue: Online webinar
Topic: Skin diseases in patients with PID

Coordinators:
Anastasiia Bondarenko, Svetlana Sharapova, Anna Hilfanova, Maryna Anfilova

Speakers:

Anastasia Bondarenko - Professor at the Department of Pediatric Infectious Diseases and Pediatric Immunology, Shupyk National Healthcare University of Ukraine (Kiev, Ukraine)

Svetlana Sharapova - Leading Researcher of the Research Department of the Republican Center for Pediatric Oncology, Hematology and Immunology, PhD (Minsk, Belarus)

Maryna Anfilova - President of the Ukrainian Academy of Dermatology and Venereology, Professor of the Department of Skin and Venereal Diseases Pirogov Vinnytsya Medical University (Kiev, Ukraine)

Anna Hilfanova – PhD, Assistant Professor at the Department of Pediatric Infectious Diseases and Pediatric Immunology, Shupyk National Healthcare University of Ukraine (Kiev, Ukraine)

Yurii Bisyuk – President of the Ukrainian Academy of Allergology, Asthma and Immunology, Professor at the Department of Dermatology, Allergology and Clinical and Laboratory Immunology, Shupyk National Healthcare University of Ukraine (Kiev, Ukraine)

Mahnaz Jamee - Research Assistant at the Research Institute for Children's Health, Mofid Children's Hospital (Tehran, Iran)

Luigi Daniele Notarangelo - M.D., Senior Investigator at Immune Deficiency Genetics Section, Head of the Laboratory of Clinical Immunology and Microbiology of the National Institute of Allergy and Infectious Diseases (Bethesda, USA)

Svetlana Sciuca - Professor of Pediatrics, State Medical and Pharmaceutical University "N.Testemitanu" (Chisinau, Moldova)

Oleg Nitochko – PhD, MD, Pediatric dermatologist, Asistant Professor at the Department of Dermatology and Venearology Odessa National Medical University (Odessa, Ukraine)

Inna Gedeon – MD, Pediatric Dermatologist, Head of a Specialized Office for Children with Bullous epidermolysis фе ерy National Specialized Hospital "OKHMATDYT" of the Ministry of Health of Ukraine (Kiev, Ukraine)

Liudmyla Zabrodska – PhD, MD, Leading allergologist and HAO specialist of the Center for Upper Respiratory Tract Diseases of the Institute of Otorhinolaryngology named after Prof. A.I. Kolomiychenko, Academy of Medical Sciences of Ukraine (Kiev, Ukraine)

Yurii Stepanovskyy – Associate Professor at the Department of Pediatric Infectious Diseases and Pediatric Immunology, Shupyk National Healthcare University of Ukraine, MD, PhD (Kiev, Ukraine)

Christina Tomaczynska – Postgraduate Student at the State Medical and Pharmaceutical University “N.Testemitanu” (Chisinau, Moldova)

Oksana Mulyarchuk - Director of the Plasma Centers Network of Biopharma Plasma LLC (Kiev, Ukraine)

Anfilova Maryna, Inna Gedeon, Bondarenko Anastasia, Anna Hilfanova "Consensus - a diagnostic approach to a child with severe skin lesions - when to suspect primary immunodeficiency?"

Anastasia Bondarenko (L) and Svetlana Sharapova (R)

PROGRAM

Introduction. JP countries
Anastasiia Bondarenko (Kiev), *Svetlana Sharapova* (Minsk)

Skin and immunity
Yurii Bisiuk (Kiev)

Skin lesions in primary immunodeficiency in rewiev
Mahnaz Jamee (Tehran)

Omen syndrome
Svetlana Sharapova (Minsk)

Erythroderma as a manifestation of congenital immunodeficiency in MALT1 deficiency
Anastasiia Bondarenko (Kiev)

Erythroderma: differential diagnosis
Maryna Anfilova (Kiev)

Why it is important to diagnose primary immunodeficiency in time? - options for pathogenetic treatment
Anastasiia Bondarenko (Kiev)

Development of the plasma network of Biopharma centers in Ukraine. Level of viral safety of drugs.
Mulyarchuk Oksana (Kiev)

Atopic dermatitis as an independent disease
Oleg Nitochko (Odessa)

Wiscott-Aldrich syndrome - skin manifestations
Svetlana Sciuca, Christina Tomaczynska (Chisinau)

Cases of PID with severe eczematous dermatitis (Netherton's syndrome and DOCK8 deficiency)
Anna Hilfanova (Kiev)

Rubella vaccine strain associated granulomas in PID patients
Luigi Notarangelo (Italy/USA)

Atopic skin care in PID, the possibility of immunosuppressants use
Consensus - a diagnostic approach to a child with severe skin lesions - when to suspect primary immunodeficiency?
Inna Gedeon (Kiev)

Hereditary angioedema in the practice of dermatologist: diagnostic approach and experience of treatment in Ukraine.
Bondarenko Anastasia, Anfilova Maryna, Anna Hilfanova, Inna Gedeon,
Liudmyla Zabrodska (Kiev)

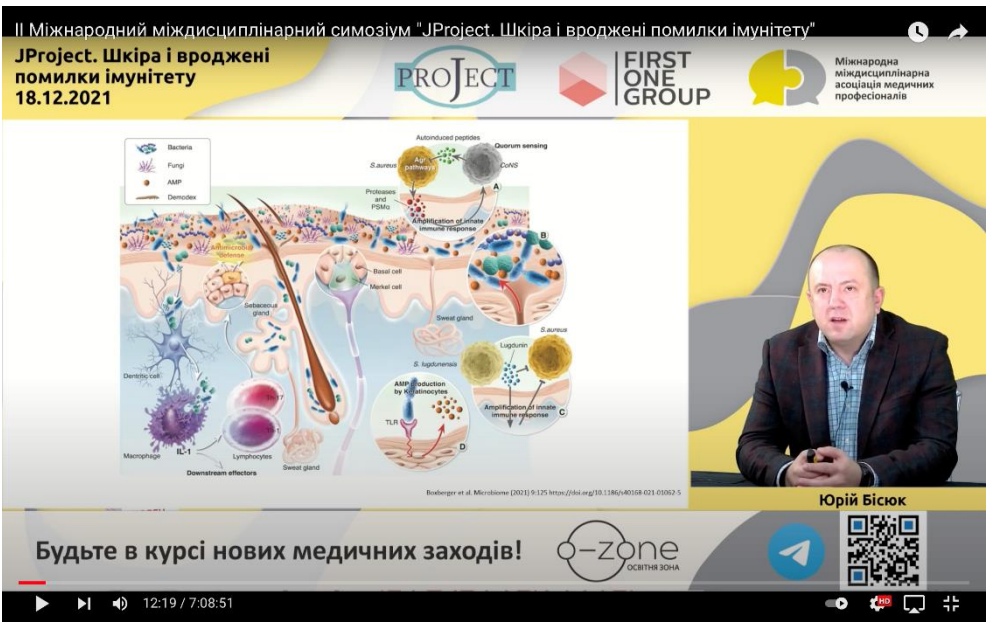
Autoinflammatory diseases and skin rash
Yurii Stepanovskyy (Kiev)

Skin lesions in Bloom syndrome (case report)
Svetlana Sciuca, Christina Tomaczynska (Chisinau)

Algorithm of laboratory investigation in a suspicion of PID
Bondarenko Anastasia (Kiev)

Laboratory diagnosis of PID with skin manifestations
Sharapova Svetlana (Minsk)

Closing remarks



Yurii Bisiuk

SUMMARY

Interdisciplinary JP Meeting "Skin and inborn errors of immunity" aimed to draw the attention of dermatologists to the problem of primary immunodeficiencies, necessarity of PID awareness in dermatological

differential diagnosis, to discuss the peculiarities of caring for the skin manifestations of PID, which should be useful both for dermatologists and immunologists.

The speakers of this online conference were immunologists from Iran, Belarus, Moldova, and Ukraine. One of the highlights of the program was a lecture by Luigi Notarangelo on granulomatous skin lesions associated with the rubella vaccine strain. To attract a dermatological audience, leading dermatologists of Ukraine were also invited as speakers. The broadcast was conducted from Kiev. More than 1000 participants were registered, the main audience were Ukrainian doctors, about 150 participants were from other JP countries (Belarus, Georgia, Russia, Kazakhstan, Uzbekistan, Latvia, Moldova), for whom a Russian-language translation was available.

Consensus concerning the diagnostic approach to a child with severe skin lesions between dermatologists and immunologists was agreed during the conference.

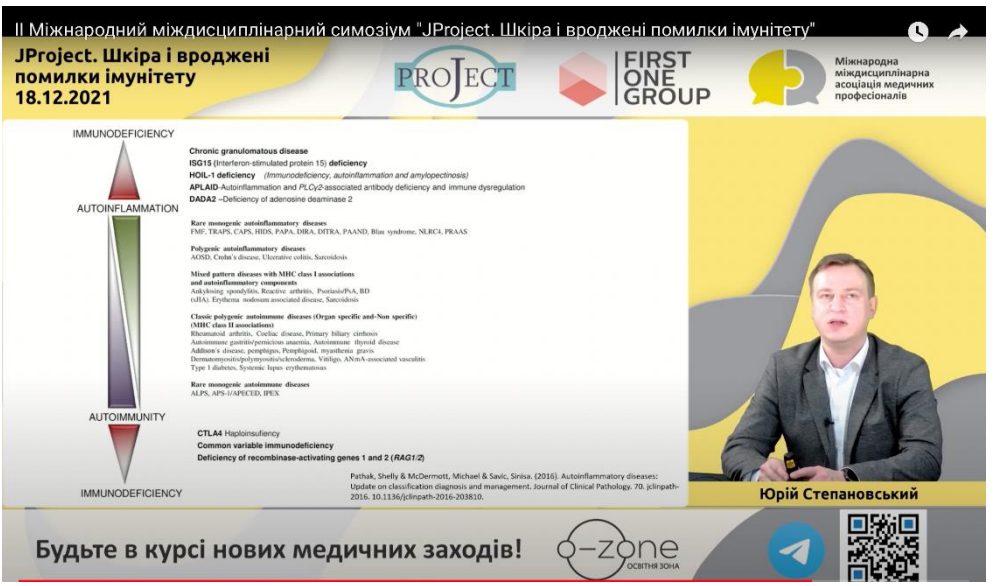
The recording of the broadcast in two languages is currently available for free via the links

https://youtu.be/TlAa6tLafGY (Russian)

https://youtu.be/ZNFzAaD4S68 (Ukrainian)

except for the lecture by Luigi Notarangelo, which was only available during the online translation.

Anastasia Bondarenko & Svetlana Sharapova



Yurii Stepanovskyy

USSURIYSK, RUSSIA DECEMBER 22

Host: Galina Tcyvkina
Venue: Hotel "Ussuriysk"
Topic: Primary immunodeficiencies

PROGRAM

Primary immunodeficiency: hereditary angioedema. What is it: "Damn fate"? (analysis of clinical cases).

Galina Tsyvkina, head of the Regional Center for Clinical Allergology and Immunology GAUZ KKTs SVMP, candidate of medical sciences, associate professor

Modern approaches to the treatment and prevention of HAE or “life continues."

Galina Tsyvkina, head of the Regional Center for Clinical Allergology and Immunology GAUZ KKTs SVMP, candidate of medical sciences, associate professor

Early diagnosis of primary immunodeficiencies: the key to successful therapy.

Irina Kondratenko, head of the Department of Pediatric Rheumatology and Immunology, FSBI RCCH, Moscow, Honored Doctor of the Russian Federation, professor

SUMMARY

On December 22, 2021 a meeting was organized in Ussuriysk by the Primorsky Regional Department of the Russian Association of Allergists and Clinical Immunologists (RAACI) in round table format. The main topic was: "Primary immunodeficiencies: the unknown about the known". The meeting was attended by medical doctors, including allergists-immunologists, pediatricians and therapists.

Galina Tcyvkina

OREL, RUSSIA DECEMBER 27

Host: Irina Snimshchikova
Venue: Online webinar
Topic: 2nd Coordination Council Meeting

PROGRAM

Regions:

Oryol, Kursk, Bryansk, Tula, Belgorod, Lipetsk

Coordinators and speakers:

IA Snimshchikova, AI Medvedev, AP Prodeus

Irina Snimshchikova

1. Consideration of surveying issues the regions. Discussion of the most typical problems in the current situation.
2. Consideration of issues of organization and readiness of regions to conduct screening for PID.
3. Consideration of issues of drug provision for patients with PID in the regions.
4. Consideration of the PID patients routing and the main problems connected with it. Issues of interaction with federal clinics.
5. Other

SUMMARY

Questions on epidemiology, diagnostics, routing of patients with PID were highlighted. The most typical problems for all regions of the Central Federal District have been identified. The issues of drug treatment of patients with PID were discussed. A.P. Prodeus presented a report on the preparation of regions for neonatal screening for PID. The main problems, the possibility of pilot project start up were discussed.

Irina Snimshchikova

J PROJECT MEETINGS 2004 - 2021

	City (Country)	Organizer	Date
2004			
1.	Targu Mures, Romania	Csilla Todea	March 11-12
2.	Prague, Czech Republic	Anna Sediva	May 10-11
3.	Belgrade, Serbia/Montenegro	Srdjan Pasic	June 11-12
4.	Skopje, Macedonia	Katarina Stavrik	September 17-18
5.	Kiev, Ukraine	Alla Volokha	November 18-19
6.	Zakopane, Poland	Ewa Bernatowska	December 16-17
2005			
7.	Sofia, Bulgaria	Elissaveta Naumova	April 15-16
8.	Prague, Czech Republic	Anna Sediva	May 9-10
9.	Gdansk, Poland	Ewa Bernatowska	September 23-24
10.	Debrecen, Hungary	László Maródi	November 4-5
11.	Lviv, Ukraine	Larysa Kostyuchenko	November 25
12.	Oradea, Romania	Zoltan Ellenes	December 20
2006			
13.	Debrecen, Hungary	László Maródi	January 16
14.	Prague, Czech Republic	Anna Sediva	May 8-9
15.	Bucharest, Romania	Nicolae Iagaru	June 9-10
16.	Minsk, Belarus	Michael Belevtsev	November 9-10
17.	Debrecen, Hungary	László Maródi	December 8-9
2007			
18.	Zaporozhzhye, Ukraine	Lyudmila Chernyshova	April 19-20
19.	St. Petersburg, Russia	Marina Guseva	May 29-30
20.	Ohrid, Macedonia	Kristina Mironska	September 20-21
21.	Iasi, Romania	Aurica Rugina	October 12-13
22.	Ljubljana, Slovenia November 16-17	Tadej Avcin	
2008			
23.	Odessa, Ukraine	Lyudmila Chernyshova	April 10
24.	Sunny Beach, Bulgaria	Elissaveta Naumova	May 22-23
25.	Sarajevo, Bosnia-Herzegovina	Velma Mulaosmanovic	October 10-11
26.	Chisinau, Rep. of Moldova	Lyudmila Cerempei	Oct 31 - Nov 1
27.	Riga, Latvia	Tatjana Prokofjeva	November 27-28
2009			
28.	Timishoara, Romania	Margit Serban	March 19-20
29.	Sevastopol, Ukraine	Liudmyla Chernyshova	April 9-10
30.	Yekaterinburg, Russia	Irina Tuzankina	May 13-14
31.	St. Petersburg, Russia	Marina Guseva	June 9-10 2009
32.	Konya, Turkey	Ismail Reisli	June 25-26
33.	Krakow, Poland	Danuta Kowalczyk	September 24-25
34.	Tallinn, Estonia	Sirje Velbri	October 7-8
35.	Ljubljana, Slovenia	Nataša Toplak	October 9-10

36.	Tehran, Iran	Nima Rezaei & Asghar Aghamohammadi	October 11-12
37.	Cairo, Egypt	Nermeen Galal	October 18-19
38.	Minsk, Belarus	Michael Belevtsev	October 22-23
2010			
39.	Tirana, Albania	Gerorgina Kuli-Lito	April 8-9
40.	Porto Marina, Egypt	Aisha El-Marsafy	April 16-17
41.	Kharkov, Ukraine	Liudmyla Chernyshova	May 19-20
42.	Zlatibor, Serbia	Srdjan Pasic	June 1-2
43.	Zagreb, Croatia	Darko Richter	July 2-3
44.	Chelyabinsk, Russia	Irina Tuzankina	August 30-31
45.	**Budapest, Hungary 1th SC Meeting**	László Maródi. & Miklós Szolnoky	September 9-10
46.	Tehran, Iran	Nima Rezaei & Asghar Aghamohammadi	October 11-12
2011			
47.	Pushkin Hills, Russia	Marina Guseva & AregTotolian	February 3-4
48.	Zakopane, Poland	Ewa Bernatowska	February 24-26
49.	Oradea, Romania	Ladislau Ritli	March 1, 2011
50.	**Debrecen, Hungary 2nd SC Meeting** ***50th J Project Meeting - Celebration***	László Maródi	March 10-11
51.	Moscow, Russia	Irina Kondratenko	March 31- April 1
52.	Baku, Azerbaijan	Gulnara Nasrullayeva	April 22-23
53.	Bratislava, Slovakia	Peter Ciznar	April 28-29
54.	Lutsk, Ukraine	Liudmyla Chernyshova	May 11-12
55.	Sibiu, Romania	Sorin Iurian	June 10-11
56.	Chelyabinsk, Russia	Irina Tuzankina	June 26-27
	J Project session Beijing, China	Tina Lee	September 23
57.	Ohrid, Rep. Macedonia	Kristina Mironska	October 8
58.	Tehran, Iran	Nima Rezaei	October 15
59.	Trabzon, Turkey	Fazil Orhan & Ismail Reisli	November 19-20
60.	Riga, Latvia	Tatjana Prokofjeva	November 26
2012			
61.	Lillafüred, Hungary	Miklós Szolnoky	January 20-21
62.	**Budapest, Hungary 3rd SC Meeting**	Miklós Szolnoky & Judit Szabó	January 27-28
63.	Rostov-on-Don, Russia	Ludmila Sizyakina	March 16
64.	Moscow, Russia	Irina Kondratenko	March 29
65.	Chernigov, Ukraine	Liudmyla Chernyshova	April 05-06
66.	Tallinn, Estonia	Krista Ress	April 19
67.	Tehran, Iran	Nima Rezaei & Asghar Aghamohammadi	April 22
68.	Bratislava, Slovakia	Peter Ciznar	April 27

69.	Diyarbakir, Turkey	Ismail Reisli	May 12
70.	Prague, Czech Republic	Anna Sediva	May 14-15
71.	Konya, Turkey	Ismail Reisli	May 26-27
72.	Warsaw, Poland	Ewa Bernatowska	June 1-2
73.	Sibiu, Romania	Sorin Iurian	June 01-02
74.	Tzigov Chark	Elissaveta Naumova	June 08-09
75.	Astana City, Kazakhstan	Panteley Popandopulo	June 12-15
76.	Tyumen, Russia-Siberia	Irina Tuzankina	July 01-02
77.	Ljubljana, Slovenia	Tadej Avcin	September 14-15
78.	Tehran, Iran	Nima Rezaei	October 13-14
79.	Timisoara, Romania	Mihaela Bataneant	October 25-26
80.	Minsk, Belarus	Mikhail Belevtsev	November 17
81.	Ufa, Russia	Irina Tuzankina	November 23
82.	Sanliurfa, Turkey	Ismail Reisli	November 25
83.	Krakow, Poland	Ewa Bernatowska	December 15

2013

84.	Mukachevo, Ukraine	Liudmyla Chernyshova	April 18
85.	Tehran, Iran	Nima Rezaei	April 23
86.	Bratislava, Slovakia	Peter Ciznar	April 24
87.	Debrecen, Hungary	László Maródi	April 26
88.	Ljubljana, Slovenia	Tadej Avcin	May 9
89.	Prague, Czech Republic	Anna Sediva	May 13-14
90.	Moravia, Czech Republic	Jiri Litzman & Anna Sediva	May 31
91.	**Budapest, Hungary** **4th J Project Steering Committee Meeting**	László Maródi	May 31-June 1
92.	Cracow, Poland	Ewa Bernatowska	September 20-21
93.	Szolnok, Hungary	Zsuzsa Horváth	October 5
94.	Tehran, Iran	Nima Rezaei	October 12-13
95.	Ptuj, Slovenia	Tadej Avcin	October 18-19
96.	Krasnoyarsk, Siberia, Russia	Irina Tuzankina	October 22
97.	Malatya, Turkey	Ismail Reisli	November 16
98.	Budapest, Hungary	László Maródi	November 22

2014

99.	Pushkin Hills, Russia	Areg Totolian & Marina Guseva	February 5
100.	**Antalya, Turkey** **1st J Project Congress** **5th SC Meeting** ***100th J Project Meeting - Declaration***	László Maródi & Ismail Reisli	March 12-14
101.	Antalya, Turkey	Ismail Reisli	March 15
102.	Zagazig, Egypt	Mohamed Almaky	April 17
103.	Tehran, Iran	Nima Rezaei & Asghar Aghamohammadi	April 22-29
104.	Poltava, Ukraine	Liudmyla Chernyshova	April 24-25

105.	Bratislava, Slovakia	Peter Ciznar	April 25
106.	Debrecen, Hungary	László Maródi	April 26
107.	St. Petersburg, Russia	Tatiana Nasyrina	May 28
108.	Varna, Bulgaria	Elissaveta Naumova	October 6
109.	Catez, Slovenia	Tadej Avčin	October 11-12
110.	Tehran, Iran	Nima Rezaei	October 18-19
111.	Yekaterinburg, Russia	Irina Tuzankina	October 24-25
112.	Warsaw, Poland	Ewa Bernatowska	October 24-25
113.	Pardubice, Czech Republic	Anna Sediva	November 11
114.	Nizhny Novgorod, Russia	Tatiana Nasyrina	November 26
115.	Sibiu, Romania	Sorin Iurian	November 27-28
116.	Erzurum, Turkey	Dilara Kocacık Uygun & Demet Hafızoğlu	December 6
117.	Chisinau, Moldova	Liudmila Cerempei	December 12

2015

118.	Moscow, Russia	Irina Kondratenko	February 18-19
119.	**Budapest, Hungary** **6th SC Meeting**	László Maródi	March 5-6
120.	Bratislava, Slovakia	Peter Ciznar	April 21-22
121.	Tehran, Iran	Nima Rezaei	April 22-23
122.	Minsk, Belarus	Mikhail Belevtsev	April 23-24
123.	Debrecen, Hungary	László Maródi	April 25-26
124.	Antalya, Turkey	Ismail Reisli	April 29
125.	Oryol, Russia	Irina Snimshehikova	May 14-15
126.	Sakarya, Turkey	Ismail Reisli	May 17
127.	Zhytomyr, Ukraine	Liudmyla Chernyshova	May 21-22
128.	Dolenjske Toplice, Slovenia	Tadey Avcin	May 22-23
129.	St. Petersburg, Russia	Marina Guseva	June 3-4
130.	Perm, Russia	Irina Tuzankina	July 2-3
131.	Timisoara, Romania	Margit Serban	September 3-4
132.	Tehran, Iran	Nima Rezaei	October 8-9
133.	Tirana, Albania	Georgina Kuli-Lito	November 20-21
134.	Bořetice, Czech Republic	Anna Sediva	November 19-20
135.	Plovdiv, Bulgaria	Marianna Murdjeva	November 20

2016

136.	Warsaw, Poland	Ewa Bernatowska	February 18
137.	Moscow, Russia	Irina Kondratenko	February 25
138.	**Antalya, Turkey** **2nd J Project Congress** **7th SC Meeting**	László Maródi & Ismail Reisli	March 2-5
139.	Tehran, Iran	Nima Rezaei & Ashgar Agamohammadi	April 23-24
140.	Bratislava, Slovakia	Peter Ciznar	April 27
141.	Kaunas, Lithuania	Brigita Sitkauskiene	May 4-5
142.	Ljubljana, Slovenia	Tadej Avcin	May 14
143.	Konya, Turkey	Ismail Reisli	May 26

144.	Chernivtsi, Ukraine	Liudmyla Chernishova	May 26-27
145.	Kaliningrad, Russia	Irina Tuzankina	June 27-30
146.	Pilsen, Czech Republic	Anna Sediva & Jiri Litzman	October 12
147.	Konya, Turkey	Ismail Reisli	October 26
148.	Sofia, Bulgaria	Elissaveta Naumova	October 28
149.	Chisinau, Moldova	Svetlana Sciuca	November 25

2017

150.	**Budapest, Hungary 7th SC Meeting**	László Maródi, & Katalin Vámos	March 2-3
151.	Konya, Turkey	Ismail Reisli	April 18
152.	Kropivnitskyi, Ukraine	Liudmyla Chernyshova	April 20-21
153.	Tehran, Iran	Nima Rezaei	April 22-29
154.	Kaunas, Lithuania	Brigita Sitkauskiene	April 26
155.	Bratislava, Slovakia	Peter Ciznar	May 3
156.	Eskisehir, Turkey	Ismail Reisli	May 5
157.	Ljubljana, Slovenia	Tadej Avcin	May 13
158.	Baku, Azerbaijan	Gulnara Nasrullayeva	June 1
159.	Warsaw, Poland	Ewa Bernatowska	June 7
160.	Tsigov Chark, Bulgaria	Marianna Murdjeva	June 16-18
161.	Chelyabinsk, Russia	Irina Tuzankina	August 27
162.	Sofia, Bulgaria	Elissaveta Naumova	September 9
163.	**Edinburgh, UK 9th SC Meeting**	László Maródi & Katalin Vámos	September 12
164.	Budapest, Hungary	László Maródi	September 22
165.	Astana City, Kazakhstan	Elena Kovzel	October 6-7
166.	Olomouc, Czech Republic	Anna Sediva	October 10
167.	Van, Turkey	Ismail Reisli	October 13-14
168.	Moscow, Russia	Irina Kondratenko	October 25
169.	Chisinau, Rep. of Moldova	Svetlana Sciuca	November 3
170.	Pristina, Kosovo	Vlora Ismaili-Jaha	December 16

2018

171.	**Budapest, Hungary 10th SC Meeting**	László Maródi, & Katalin Vámos	March 8-9
172.	Konya, Turkey	Ismail Reisli	March 20
173.	Minsk, Belarus	Michael Belevtsev	April 19-21
174.	Tehran, Iran	Nima Rezaei	April 21-23
175.	Bratislava, Slovakia	Peter Ciznar	April 25
176.	St. Petersburg, Russia	Marina Guseva	April 26
177.	Almaty, Kazakhstan	Zhanat Ispayeva	April 26-27
178.	Kiev, Ukraine	Liudmyla Chernishova & Alla Volokha	April 26-27
179.	Kaunas, Lithuania	Brigita Sitkauskiene	May 2
180.	Batman, Turkey	Ismail Reisli	May 3
181.	Ljubljana, Slovenia	Tadej Avcin	May 5
182.	Warsaw, Poland	Ewa Bernatowska	May 10-11

183.	Skopje, Rep. Macedonia	Kristina Mironska	May 18
184.	Tsigov Chark, Bulgaria	Elissaveta Naumova & Mariana Murdjeva	June 8-10
185.	Yekaterinburg, Russia	Irina Tuzankina	September 18
186.	Bodrum, Turkey	Ismail Reisli	September 24
187.	Tashkent, Uzbekistan	Irina Tuzankina & Diloram Musahodzhayeva	September 24-25
188.	Bukhara, Uzbekistan	Irina Tuzankina & Diloram Musahodzhayeva	September 26
189.	Chisinau, Rep. Moldova	Svetlana Sciuca	September 26
190.	Astana City, Kazakhstan	Elena Kovzel	October 3
191.	Brno, Czech Republic	Anna Sediva	October 11-13
192.	**Lisbon, Portugal (JP SC) 11th SC Meeting**	László Maródi & Katalin Vámos	October 24
193.	**Plovdiv, Bulgaria**	**Elissaveta Naumova & Marianna Murdjeva**	**October 25-28**
194.	Chisinau, Rep. Moldova	Svetlana Sciuca	October 26
195.	Yerevan, Armenia	Sevan Iritsyan	October 27
196.	Tbilisi, Georgia	Karaman Pagava	November 3
197.	Pristina, Kosovo	Vlora Ismaili-Jaha	November 10
198.	Tirana, Albania	Georgina Kuli-Lito	December 15
199.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyvkina	March 22
200.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyvkina	April 19
201.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyvkina	May 4
202.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyvkina	December 18

2019

203.	Vladivostok, Russia	Irina Kondratenko	January 29
204.	Vilnius, Lithuania	Brigita Sitkauskiene	March 7
205.	Tashkent, Uzbekistan	Umida Nabieva & Irina Tuzankina	March 13
206.	Samarkand, Uzbekistan	Umida Nabieva & Irina Tuzankina	March 14
207.	Bukhara, Uzbekistan	Umida Nabieva & Irina Tuzankina	March 15
208.	**Budapest, Hungary 12nd SC Meeting**	László Maródi & Katalin Vámos	March 21-22
209.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyvkina	April 2
210.	Debrecen, Hungary	Noémi Miltner & László Maródi	April 16
211.	Minsk, Belarus	Mikhail Belevtsev	April 18-19
212.	Yerevan, Armenia	Sevan Iritsyan	April 18-19

213.	Skopje, Macedonia	Kristina Mironska	April 19
214.	Bratislava, Slovakia	Peter Ciznar	April 24
215.	Tehran, Iran	Nima Rezaei & Ashgar Agamohammadi	April 24-25
216.	Almaty, Kazakhstan	Zhanat Ispayeva	April 25-26
217.	Debrecen, Hungary	Noémi Miltner & László Maródi	April 25-26
218.	Debrecen, Hungary	Árpád Lányi	April 29
219.	Antakya, Turkey	Ismail Reisli	May 3
220.	Baku, Azerbaijan	Gulnara Nasrullayeva	May 17-18
221.	Ternopol, Ukraine	Alla Volokha & Oksana Boyarchuk	May 23-24
222.	Brasow, Romania	Mihaela Bataneant	May 24-25
223.	Tsigov Chark, Bulgaria	Elissaveta Naumova & Marianna Murdjeva	June 7-9
224.	Novosibirsk, Russia	Irina Tuzankina & Vladimir Kozlov	June 24-29
225.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyvkina	June 27
226.	Almaty, Kazakhstan	Umida Nabieva	September 16-21
227.	Cesme, Turkey	Sevgi Keles & Ismail Reisli	September 26
228.	Nur-Sultana, Kazakhstan	Elena Kovzel	October 4-6
229.	Tashkent, Uzbekistan	Umida Nabieva	October 18-19
230.	Kutaisi, Georgia	Karaman Pagava	October 27
231.	Minsk, Belarus	Svetlana Sharapova	Oct. 31-Nov.2
232.	Antalya, Turkey	Sevgi Keles, & Ismail Reisli	November 16
233.	Chisinau, R. of Moldova	Svetlana Sciuca	November 26
234.	Warsaw, Poland	Malgorzata Pac & Ewa Bernatowska	November 29-30
235.	**Konya, Turkey 13th SC Meeting**	Ismail Reisli & Sevgi Keles & László Maródi	December 4-7
236.	Nicosia, North Cyprus	Nerin Bahceciler	December 9
237.	Vladivostok, Russia	Irina Kondratenko & Galina Tcyivkina	December 10
238.	Prizren, Kosovo	Vlora Ismaili-Jaha Georgina Kuli-Lito	December 14

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239.	Vladivostok, Russia	Galina Tcyvkina	January 27
240.	Bishkek, Kyrgyzstan	Irina Tuzankina	February 18-23
241.	Brno, Czech Republic	Jiri Litzman	March 06
242.	Yekaterinburg, Russia	Irina Tuzankina	March 21
243.	Yekaterinburg, Russia	Irina Tuzankina	April 15
244.	Yekaterinburg, Russia	Irina Tuzankina	April 23

245.	St. Petersburg, Russia	Marina Guseva	April 29
246.	Baku, Azerbaijan	Ismail Reisli & Maleyka Karimova	May 27
247.	Tehran, Iran	Nima Rezaei & Ashgar Agamohammadi	April 28-30
248.	Debrecen, Hungary	Noémi Miltner & László Maródi	June 10
249.	Warsaw, Poland	Ewa Bernatowska & Malgorzata Pac	June 23
250.	Warsaw, Poland	Ewa Bernatowska & Malgorzata Pac	June 26
251.	Debrecen, Hungary	Noémi Miltner & László Maródi	July 08
252.	Saratov, Russia	Umida Nabieva	July 09-10
253.	Chisinau, Rep. of Moldova	Svetlana Scuica	July 29

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254.	Almathy, Kazakhstan	Elena Kovzel	August 29
255.	Chisinau, Rep. of Moldova	Svetlana Scuica	September 8
256.	Bishkek-Osh, Kyrgyzstan	Irina Tuzankina	September 15
	Archangelsk, Russia	Irina Tuzankina	September 15
	Dushanbe, Tajikistan	Irina Tuzankina	September 15
257.	Skopje, N. Macedonia	Kristina Mironska	September 24
258.	Vladivostok, Russia	Galina Tcyvkina	September 24
259.	Nakhoda, Russia	Galina Tcyvkin	September 28
260.	Konya, Turkey	Ismail Reisli	September 29
261.	Kiev, Ukraine	Alla Volokha	October 15-16
262.	Skopje, N. Macedonia	Kristina Mironska	October 17
263.	Konya, Turkey	Ismail Reisli	October 20
264.	Ternopil, Ukraine	Oksana Boyarchuk	October
265.	Timisoara, Romania	Mihaela Bataneant Margit Serban	October 23
266.	Ljubljana, Slovenia	Tadej Avcin	October 23
267.	Chisinau, R. of Moldova	Svetlana Sciuca	October 28-29
268.	Orel, Russia	Irina Snimshchikova	October 30
269.	Sofia, Bulgaria	Elissaveta Naumova & Marianna Murdjeva	November 5-7
270.	Tehran, Iran	Nima Rezaei	November 7-10
271.	Kiev, Ukraine	Alla Volokha	Nov 12-13
272.	Riga, Latvia	Natalja Kurjane	November 20
273.	Aktobe, Kazakhstan	Elena Kovzel	November 25
274.	Dushanbe, Tajikistan	Umida Nabieva	November 27
275.	Yerevan, Armenia	Sevan Iritsyan	November 27
276.	Warsaw, Poland	Malgorzata Pac & Ewa Bernatowska	November 27
277.	Warsaw, Poland	Malgorzata Pac & Ewa Bernatowska	November 28

278.	Lviv, Ukraine	Larysa Kostyuchenko	December 10-11
279.	Tirana, Albania	Georgina Kuli-Lito	December 11
280.	Tashkent, Uzbekistan	Umida Nabieva	December 15
	Dushanbe, Tajikistan	Umida Nabieva	
	Bishkek, Kyrgyzstan	Umida Nabieva	
281.	Minsk, Belarus	Svetlana Sharapova	December 17
	Kiev, Ukraine	& Anastasia Bondarenko & Anna Hilfanova	
282.	Tbilisi, Georgia	Karaman Pagava	December 20

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283.	Yekaterinburg, Russia	Irina Tuzankina	February 11-12
284.	Riga, Latvia	Natalje Kurjane	February 19
285.	Konya, Turkey	Ismail Reisli	February 24
286.	Konya, Turkey	Ismail Reisli	April 6
287.	Warsaw, Poland	Ewa Bernatowska	April 10
288.	Debrecen, Hungary	Noémi Miltner & László Maródi	April 17
289.	Kiev, Ukraine	Alla Volokha	April 22-23
290.	Timisoara, Romania	Mihaela Bataneant	April 22-23
291.	Taksony, Hungary	Katalin Haraszti Honváriné & László Maródi	April 23
292.	Plovdiv-Sofia, Bulgaria	Marianna Murdjeva & Elissaveta Naumova	April 23
293.	Riga, Latvia	Natalja Kurjane	April 24
294.	Tehran, Iran	Nima Rezaei	April 26-29
295.	Baku, Azerbaijian	Gulnara Nasrullayeva	April 28
296.	Bratislava, Slovakia	Peter Ciznar	April 28
297.	St. Petersburg, Russia	Marina Guseva	April 29
298.	Yerevan, Armenia	Sevan Iritsyan	April 29
299.	Podgorica, Montenegro	Lidija Pocek	April 29
300.	Minsk, Belarus	Mikhail Belevtsev	April 29-30
301.	Osh, Kyrgyzstan	Bubusayra Orozbekova	April 29-30
302.	Tbilisi, Georgia	Karaman Pagava	June 5
303.	Jalal-Abad, Kyrgyzstan	Bubusayra Orozbekova	June 17-19

2021 Part 2

304.	Vladivostok, Russia	Galina Tcyvkina	June 9
305.	Pristina, Kosovo	Vlora Ismaili-Jaha	June 30
306.	Chisinau, Rep. of Moldova	Svetalana Sciuca & Anastasia Bondarenko	July 1
307.	Nakhoda, Russia	Galina Tcyvkina	August 7
308.	Tashkent, Uzbekistan	Umida Nabieva	August 24
309.	Almaty, Kazakhstan	Umida Nabieva	September 19
310.	Hradec Králové, Czech Rep.	Anna Sediva & Jiri Litzman	September 23-24
311.	Orel, Russia	Irina Snimshchikova	September 30
312.	Nur-Sultan, Kazakhstan	Elena Kovzel	October 8-9

313.	Taksony, Hungary	Katalin Haraszti & László Maródi	October 13
314.	Tashkent, Uzbekistan	Umida Nabieva	October 14-15
315.	Vilnius, Lithuania	Brigita Sitkauskiene	October 15
316.	Samarkand, Uzbekistan	Umida Nabieva	October 16
317.	Ternopil, Ukraine	Oksana Boyarchuk	October 21-22
318.	Vilnius, Lithuania	Brigita Sitkauskiene	October 22
319.	Antalya, Turkey	Ismail Reisli	October 24
320.	Chisinau, Rep. of Moldova	Svetlana Sciuca	October 27
321.	Vladivostok, Russia	Galina Tcyvkina	October 28
322.	Skopje, Macedonia	Kristina Mironska	November 1
323.	Chisinau, Rep. of Moldova	Svetlana Sciuca	November 4
324.	Pristina, Kosovo	Vlora Ismaili-Jaha	November 5
325.	Kiev, Ukraine	Alla Volokha	November 11-12
326.	Chisinau, Rep. of Moldova	Svetlana Sciuca	November 12
327.	Kazan, Russia	Irina Tuzankina	November 13
328.	Fier, Albania	Georgina Kuli-Lito	November 19
329.	Moscow-Yekaterinburg, Russia	Irina Tuzankina	November 21
330.	Budapest, Hungary	László Maródi Katalin Vámos & László Maródi Jr	November 24
331.	Kaliningrad, Russia	Irina Tuzankina	November 24-26
332.	Kutna Hora, Czech Rep.	Anna Sediva & Jiri Litzman	November 25-26
333.	Yekaterinburg, Russia	Irina Tuzankina	November 27
334.	Diyarbakır, Turkey	Ismail Reisli	November 30
335.	Orel, Russia	Irina Snimshchikova	November 30-December 1
336.	Orel, Russia	Irina Snimshchikova	December 1
337.	Debrecen, Hungary	Kitti Pázmándi & Noémi Miltner	December 2
338.	Ljubljana, Slovenia	Natasa Toplak & Tadej Avcin	December 2
339.	Warsaw, Poland	Malgorzata Pac & Ewa Bernatowska	December 3-4
340.	Orel, Russia	Irina Snimshchikova	December 6
341.	Lviv, Ukraine	Larysa Kostyuchenko & Valentina Chopyak	December 9-10
342.	Sofia-Plovdiv	Marianna Murdjeva & Elissaveta Naumova	December 17
343.	Kiev, Ukraine	Anastasia Bondarenko & Svetlana Sharapova	December 18
344.	Ussuriysk, Russia	Galina Tcyvkina	December 22
345.	Orel, Russia	Irina Snimshchikova	December 27

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