Program of the International Conference
"Vaccines and Vaccination"
Moscow, September 27-October 1, 2017


Day 1, Wednesday September 27

12.00-13.00 Registration
13.00 Opening

Welcome Words: Aidar Ishmukhametov, the Director of the Chumakov Federal Scientific Center for Research and Development of Immune-and Biological Products of the Russian Academy of Sciences (Chumakov Center RAS)

Key-Note Lecture: Margaret Liu (University of St Francisco, ProTherImmune, USA, and Karolinska Institutet, Stockholm, Sweden) Challenges of providing vaccines for global health

13.40-15.00 Session I: Immune Therapy and Immune Prevention of Cancer

Chairs:

Alexander Ilyichev (SRC VB VECTOR, Koltsovo, Novosibirsk region, Russia) DNA vaccines against melanoma: design and investigation of antigenic properties

Britta Wahren (Karolinska Institutet, Stockholm, Sweden) Immunotherapeutic targeting of carcinoembryonic antigen

Alexander M Shneider (Cure Lab, Boston, USA) Multiple application of p62/SQSTM1 encoding plasmid: prevention and treatment of cancer and inflammation-related diseases

15.15-15.45 Coffee Break

15.45-18.00 Session I (continued)

Petr Chumakov (Chumakov Center RAS, Moscow, Russia) Oncolytic viruses in treatment of cancer

Andrey Zamyatin (Institute of Molecular Medicine, Sechenov First Moscow State Medical University, Moscow, Russia) Cancer retina antigens in kidney cancer (preliminary)

Jon Amund Kyte (Department of Oncology, Oslo University Hospital, Oslo, Norway) T helper cell receptors from long term survivors after telomerase cancer vaccination for use in adoptive cell therapy

Maxim Ionov & Sylwia Michlewska (Lodz University, Lodz, Poland) Dendrimers in anti-cancer drug delivery

18.00 Welcome Mingle
Day 2, Thursday September 28


Synchronous translation from Russian into English will be provided for registered conference participants for this day. Lectors at the Chumakov Federal Center wishing to present in Russian, please, provide to the Organizing Committee your extended Power Point presentations with slides in English and lecture text (in comments) in Russian at least one week before the event, the latest September 21, 2017. You are welcome to forward your presentations to Natalia Petrakova nvpetrakova@hotmail.com

Buss transport from hotel “Yunost” 07.00

Registration at the Chumakov Center 08.00-08.30

08.30-10.15 Session II: APPROACHES TO IMMUNE PREVENTION AND IMMUNE THERAPY

Chairs:

AIDAR ISHMUKHAMETOV (Scientific Center for Research and Development of Immunobiological Preparations, Moscow; Sechenov FMSMU, Moscow, Russia) Program for research and development of the Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products

PETR APARIN, RAKHIM KHAITO (National Research Centre-Institute of Immunology, Moscow, Russia) Carbohydrate-based vaccines against bacterial infections: development and clinical application

ALEXANDER GABIBOV (Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia) Mechanisms of presentation and degradation of autoantigens

ANDREY LISITSA (Institute of Biomedical Chemistry, Moscow) Using Dry Spot Technology for metabolome analysis of biomaterial

10:15-11:15 COFFEE BREAK with Viewing of posters presented by the Scientific Center for Research and Development of Immunobiological Preparations on the research meetings during 2015-2017

11.15-13.15 Session II (continued)

Chairs:

JOEL PALEFSKY (University of California, San Francisco, San Francisco, USA) Approaches to immunotherapy of HPV-related cancer

DENNIS Yu LOGUNOV & ALEXANDER L GINZBURG (Gamaleya Research Center of Epidemiology and Microbiology, Moscow, Russia) Development of new Ebola vaccine

JOON RHEE (Clinical Vaccine R&D Center, Natl. Research Laboratory of Molecular Microbial Pathogenesis, and Research Institute for Vibrio Infections, Chonnam National University Medical School, Gwangju, South Korea) Flagellin, the TLR5 Ligand, Serves an Effective Adjuvant for Mucosal Vaccines

JOAN JOSEPH (Medicine University of Barcelona, Barcelona, Spain) Pre-clinical development of recombinant BCG based HIV vaccine, challenges and failures
Oral selected from abstracts

LUNCH 13.15-14.15

14.15-15.45 Session III: VACCINES AGAINST EMERGING VIRAL THREATS

Chairs:

ALEXANDEER LUKASHEV (Chumakov Federal Scientific Center, Moscow) Immune escape poliovirus variants in polio endgame

ANDERS WIDELL (Lund University, Lund, Sweden) Past and future of hepatitis A vaccination programs

KAREN KYUREGYAN (Chumakov Federal Scientific Center, and Mechnikov Institute of Vaccine and Sera, Moscow, Russia) Experimental vaccine protects against hepatitis E virus

COFFEE BREAK

16.15-18.15 Session III (continued)

Chairs:

BIRKE BARTOSCH (Cancer Center, Lyon, France) Tumor-like glutamine metabolism and immune response in hepatitis C virus infection (preliminary)

RAJIT RAY (St Louis University, St Louise, USA). Progress in HCV vaccine development

JURIS JANSONS & IRINA SOMINSKAYA (Biomedical Research and Study Center, and Riga Stradins University, Riga, Latvia) Intradermal DNA immunization with experimental HCV DNA vaccines

GALINA KARGANOVA (Chumakov Federal Scientific Center, Moscow). New TBE vaccines versus inactivated classics

LIUBOV KOZLOVSKAYA (Chumakov Federal Scientific Center, Moscow). Protectivity of TBE vaccines against viral strains circulating in Eurasia

Oral selected from abstracts

18:40 - Buss transport from Chumakov Federal Scientific Center for Research and Development of Immune-and-Biological Products of Russian Academy of Sciences to Hotel “Yunost”, stop at the hotel;

19:40 Transportation from the hotel “Yunost” to the restaurant venue.

20:00 DINNER 20:00 at the restaurant “Taras Bulba”, Smolensky Bulvar 12

http://www.tarasbulba.ru/restorany/

For registered participants. Delegates will get information about the menu from the meeting management VAC@onlinereg.ru, and will be invited to choose their meals. Please, make your choices as required, to get your dinner invitation. Without your confirmation/choice, the service will not be guaranteed.

Day 3, Friday September 29
Open lecture course “MODERN VACCINOLOGY”

Venue: Business Hotel “Spectr Khamovniki” Hotel Spektr Usacheva Street 35 Bld.1, Moscow

Attendance free, separate registration with course organizers
Contact mails: Maria.issagouliantis@rsu.lv; nvpetrakova@hotmail.com

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09.30-11.30
1. MIKHAIL MIKHAILOV (Russian Medical Academy of Postgraduate Education, Moscow, Russia) Anti-vaccination campaign, how to counteract it

2. MARGARET LIU (University of St Francisco, ProTherImmune, USA, and Karolinska Institutet, Stockholm, Sweden) Gene-based vaccines for prevention, therapy, and immunomodulation (Part I)

3. MARGARET LIU (University of St Francisco, ProTherImmune, USA, and Karolinska Institutet, Stockholm, Sweden) Emerging Diseases: challenges and gene-based vaccine solutions (Part II)

Coffee (for purchase)

12:00-13.30
4. DEINEKO ELENA (Institute of Cytology and Genetics, Novosibirsk, Russia) Plant vaccines.

5. SERGEI BAZHAN, DENIS ANTONETS (SRC VB VECTOR, Koltsovo, Novosibirsk region, Russia) Design of novel immunogens in vaccine development.

6. JON AMUND KYTE (Department of Oncology, Oslo University Hospital, Oslo, Norway) Peptide based vaccines against cancer

Lunch (for purchase)

15.00-16.20
7. BIRKE BARTOSCH (Cancer Center, Lyon, France) Metabolic regulation of immune response in health and in cancer

8. JOON RHEE (Clinical Vaccine R&D Center, Natl. Research Laboratory of Molecular Microbial Pathogenesis, and Research Institute for Vibrio Infections, Chonnam National University Medical School, Gwangju, South Korea) Novel adjuvant solutions in tilting the profiles of innate and adaptive immune response

Coffee (for purchase)

16.50-18.30
9. GORDEYCHUK ILYA (Chumakov Federal Scientific Center, Moscow, Russia, and Karolinska Institutet, Stockholm, Sweden) Ethical issues of preclinical vaccine testing
10. TROFIMOV DENIS M, KALININ SERGEY P (Mikrogen, Moscow, Russia) Conduct of clinical trials of new vaccines, example of five-valent vaccine (diphtheria, tetanus, pertussis, hepatitis B and haemophilus influenza)

11. BEHAZINE COMBADIÈRE (Centre d'Immunologie et des Maladies Infectieuses CIMI-Paris, Paris, France) Routes of immunization from animal to human studies

Day 4, Saturday September 30

Venue: IM Sechenov First Moscow State Medical University (details to be provided)

08.30-10.30 Session IV: BIOINFORMATICS IN VACCINE DEVELOPMENT

Chairs:

VLADIMIR LUKASHOV (University of Amsterdam, Amsterdam, the Netherlands) (Phylo)genetic analysis in studying the natural history of epidemiologically significant HIV-1 strains for potential vaccine development

DENIS ANTONETS, SERGEI BAZHAN (SRC VB VECTOR, Koltsovo, Novosibirsk region, Russia) Design and applications of string of beads/polyepitope immunogens in vaccine development.

ALEXANDER M SHNEIDER (Cure Lab, Boston, USA) In silico analysis of RNA structured regions: lessons for vaccine development and other fields of bio-medicine

Orals selected from abstracts

COFFEE BREAK

11.00-13.30 Session V: DELIVERY AND ADJUVANTS

Chairs:

BEHAZINE COMBADIÈRE (Centre d'Immunologie et des Maladies Infectieuses CIMI-Paris, Paris, France) Science behind epidermal and dermal & novel approaches in vaccination against infectious diseases

ALEXEI IHNATSYEU-KACHAN (Institute of Biophysics and Cell Engineering, Minsk, Belarus) Novel dendrimers as delivery platform for gene-based drugs: in vitro examination

ANITA BERZINA & MAXIM IONOV (Riga Stradins University, Riga, Latvia, and Lodz University, Lodz, Poland) Dendrimers in in vitro and in vivo DNA transfection

MAXIM ABAKUMOV (Pirogov Medical University, Moscow, Russia) Nanoparticles in therapy and immunotherapy of cancer

AMIR TUKHVATULLIN (Gamaleya Research Center of Epidemiology and Microbiology, Moscow, Russia) Evaluation of adjuvanticity of syk-coupled c-type lectin agonists in head-to-head experiments

LUNCH 13.30-14.30

14.30-16.30 Session VI: VACCINES IN HIV-1 INFECTION

Chairs:
SAULIUS CAPLINSKAS (Center for Communicable Diseases and Health, Vilnius, Lithuania) Vaccinations in HIV infected individuals

ANDREY KOZLOV (The Biomedical Center, Peter the Great St. Petersburg Polytechnic University and Research Institute of Pure Biochemicals, St Petersburg, Russia). Therapeutic HIV DNA vaccines

LARISA KARPENKO (SRC VB  VECTOR, Koltsovo, Novosibirsk region, Russia) Peptide mimics of HIV-1 epitopes recognized by broadly neutralizing antibodies

MARIA ISAGULIANTS (Chumakov Federal Scientific Center, and Gamaleya Research Center of Epidemiology and Microbiology, Moscow; and Riga Stradins University, Riga) Tumor models in experimental testing of efficacy of consensus DNA immunization against drug resistance in HIV infection

Orals selected from abstracts

COFFEE BREAK

17.00-18.30 Session VII: POSTER SESSION

Poster presentations (5 min with viewing of poster as PDF)

Day 5, October 1

Workshop “START-UP AND RUNNING OF CROSS-BORDER PROJECTS ON VACCINES AND VACCINATIONS” (Meeting actual and prospective collaborators )

Venue: “Lindfors”, Ulitza Malaya Pirogovskaya, 16

09.00 Coffee, get together, team presentations
09.30 – 11.30 Discussions
11.30-12.30 Lunch discussion
Attendance free, separate registration with meeting management company “Monomax” VAC@onlinereg.ru
13:00-16:00 Guided Moscow tours with routes at your choice (not included in the registration fee)

All wishing to go for Moscow round-trip excursion 13.00-16.00 (with return to the hotel). Several routes can be included depending on your interests. Excursions will be done at the cost of the guests, total cost of one excursion is 300 euro, cost per person depends on the number of participants. The fee is to be paid to the guide in cash. Please, inform meeting management Ekaterina Afanasieva VAC@onlinereg.ru if you want to join not later than September 21, 2017.

Day 6, October 2

Satellite Symposium

“HIV-1 INFECTION AND COMORBIDITIES, APPROACHES TO IMMUNE PREVENTION AND IMMUNE THERAPY”

Venue: Conference hall of Ivanovsky Institute of Virology, Gamaleja Research Center for Epidemiology and Microbiology, Gamaleja str 16.
Attendance free. Separate registration with the Organizing Committee (maria.issagouliantis@rsu.lv) is required for participation.
10.00-12.00 OPEN PART:
- Opening
- MARINA BOBKOA (Gamaleya Research Center for Epidemiology and Microbiology, Moscow) “Molecular epidemiology of HIV infection in the former USSR”
- FRANCESCA CHIODI (Karolinska Institutet, Stockholm, Sweden) “Persistent immunological problems in the ART era”
- BRITTA WAHREN (Karolinska Institutet, Stockholm, Sweden) “Are there options to cure HIV-1 infection”
- MARIA ISAGULIANTS (Gamaleya Research Center for Epidemiology and Microbiology, Moscow, Riga Stradins University, and Chumakov Federal Scientific Center) “Development of therapeutic vaccines against human papilloma viruses, an overview”
- JOEL PALEFSKY (University of San Francisco, USA) “HPV related cancer in HIV infected individuals”

LUNCH (catering)

13.1.17.0 CLOSED PART Progress on RFBR-NIH grant “New therapeutic HPV vaccines for HIV infected men and women” (for project participants) – individual reports of Russian and US grant participants.