

**Program of 12th International Conference
“AIDS, Cancer and Related Problems”
St. Petersburg, Russia
(May 24-28, 2004)**

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**12th International Conference “AIDS, Cancer and Related Problems”
Short Program
St. Petersburg, Russia (May 24 -28, 2004)**

Conference venue: University Center (6, Birzhevaja line, Vasilievsky Island, St. Petersburg)

24.05 Monday	10:00-15:00	Registration	
		Big Hall	
	15:00-18:00	Opening Ceremony Presentation of Annual Award of the Conference Presentations of the awardees.	
25.05 Tuesday		Big Hall	
	09:30-13:00	Session 1. Plenary session: “The Fight against AIDS and the Fight against Drugs: What Kind of Interaction Should Be Exercised?”	
	13:00-14:00	Lunch	
	14:00-17:00	Session 2. Experience of Moscow AIDS Center and Other Moscow Medical Organizations in the Fight Against HIV/AIDS Epidemic	
	17:00-20:00	Session 3. Joint Poster Session (Small Hall)	
26.05 Wednesday		Big Hall	Small Hall
	09:30-13:00	Session 4. Molecular Biology and HIV Vaccine	Session 5. NIDA Symposium: Multi-Disciplinary Evaluation Research on Public Health Impact and Cost Effectiveness of HIV/AIDS Intervention
	14:00-18:00	Session 6 Epidemiology and Prevention of HIV Infection	Session 7. Experimental and Theoretical Biology
27.05 Thursday	09:30-13:00	Session 8. HIV/AIDS in the Armed Forces	Session 9.1. Viral and Cellular Human Oncogenes: Molecular Mechanisms of Tumor Growth
	14:00-18:00	Session 10. Role of Community in Research on HIV/AIDS	Session 9.2. Viral and Cellular Human Oncogenes: Molecular Mechanisms of Tumor Growth
28.05 Friday	09.30-13.00	Session 11. Epidemiology and Prevention of Tuberculosis	Session 12. Problems of Hemotransfusive Transmissions of HIV and Other Viruses.
	14:00-17:00	Session 11. Epidemiology and Prevention of Tuberculosis	Session 13. Ethics Workshop

Satellite Events:

Wednesday, 26 May

Monday, 31 May

Tuesday, 1 June

— **TB Laboratory Workshop**

— **Ethics and Public Health Meeting**

— **Fogerty AITRP Meeting**

Program
12th International Conference “AIDS, Cancer and Related Problems”
St. Petersburg, Russia (May 24 -28, 2004)

MONDAY, 24 MAY

10:00 – 15.00

Registration

15:00 – 18:00 **Big Hall**

Opening Ceremony

Presentation of Annual Award of the Conference

Presentations of the awardees

TUESDAY, 25 MAY

09:30 – 13:00 **Big Hall**

SESSION 1. PLENARY SESSION: THE FIGHT AGAINST AIDS AND THE FIGHT AGAINST DRUGS: WHAT KIND OF INTERACTION SHOULD BE EXERCISED?

Chairperson: Kozlov A.P.

1. ***The Uncertainty of Complementary Descriptions and the Theory of Compromises (20 min)***
Kozlov A.P.
The Biomedical Center, St.Petersburg State University
2. ***Activity of the Federal Administration for Control of Illicit Drugs (20 min)***
Mikhailov A.G.
Federal Administration for Control of Illicit Drugs, Moscow
3. ***The Expirience of Republic of Tatarstanv (20 min)***
Zyjatdinov K.Sc.
Minister of Health, Republic of Tatarstan, Kazan
4. ***Present-day Pharmacotherapy of Drug Addiction (20 min)***
Zvartau E.
Pavlov Medical University, St.Petersburg
5. ***The Forms of Social Control of Illicit Drugs and HIV: Coordination of Positions (10 min)***
Zazulin G.V.
Law, Enforcement and Security Committee, The Government of St. Petersburg, St.Petersburg
6. ***Social and Demographic Characteristics of IDUs in Russia: Results from 10 cities (10 min)***
Borodkina O., Irvin K.*, Baranova M., Girtchenko P., Heimer R.*, Kozlov A.
The Biomedical Center, St. Petersburg State University, Russia
** School of Medicine, Yale University, USA*
7. ***The Fight against AIDS and the Fight against Drugs in Lithuania (10 min)***
Chaplinskas S.
The Lithuanian AIDS Center

14:00-17:00 **Big Hall****SESSION 2. EXPERIENCE OF THE MOSCOW AIDS CENTER AND OTHER MOSCOW MEDICAL ORGANIZATIONS IN THE FIGHT AGAINST HIV/AIDS EPIDEMIC**

Chairpersons: Seltsovsky A.P., Mazus A.I.

1. ***Results of the Realization of the Moscow City Program “AntiHIV/AIDS”***
 Mazus A.I.
 Moscow AIDS Center

2. ***AIDS and Drugs. Narcological Care to HIV-infected Drug Addicts in Moscow. Peculiarities of Treatment of HIV-infected Drug Addicts in Infectious Disease Hospitals***
 Brjun E.A., Nikolskaja N.V.
 Moscow Center on Drug Addiction Prevention, Moscow Health Care Department, Moscow AIDS Center

3. ***Antiretroviral Therapy for HIV/AIDS Patients in Out-Patient and In-Patient Clinics. Experience of the Moscow Health Care System in Rendering Specialized Medical Care to HIV/AIDS Patients***
 Gruzdev B.M.
 Moscow AIDS Center

4. ***Laboratory Service in the Moscow AIDS Center on the Present Stage of the HIV Epidemic (Screening and Confirmatory Testing of HIV Infection, Laboratory Monitoring of HIV/AIDS Patients)***
 Olshansky A.J.
 Moscow AIDS Center

5. ***Treatment of HIV-infected Children in Out-Patients Clinics . Keeping Abandoned Children in the System of the Moscow Department of Health Care (Experience of Establishment of Specialized Children’s Home)***
 Vlatskaja J.F.
 Moscow AIDS Center

6. ***Epidemiological Surveillance of HIV in Moscow. Work of Epidemiologists on Ensuring Infection Safety of Donor Blood in the Moscow AIDS Center***
 Pankova G.J.
 Moscow AIDS Center

7. ***Computerization of the Treatment Process in an Out-Patient Clinic of Moscow AIDS Center***
 Golokhvastova E.L.
 Moscow AIDS Center

8. ***Organization of HIV Prevention Activities in Administrative District of Moscow (the Example of the HIV Prevention Unit of the Southern District of Moscow)***
 Pavlova L.G.
 HIV Prevention Unit of the Southern District of Moscow

17:00 – 20:00 **Small Hall****SESSION 3. JOINT POSTER SESSION (see page 15)**

WEDNESDAY, 26 MAY

09:30 – 13:00 **Big Hall****SESSION 4. MOLECULAR BIOLOGY AND THE HIV VACCINE****Chairpersons: Kozlov A.P., Buonaguro F.M.**

1. ***Cancer and HIV: Key Scientific and Medical Advances***
Harmison L

2. ***Status of the Development of an HIV vaccine***
Klimov N.A., Murashev B.V., Masharsky A.E., Murasheva I., Verevchkin S.V., Dukhovlinov I.V., Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St.Peterburgh, Russia.

3. ***VLPs As Anti-HIV Vaccine Strategy***
Buonaguro L.¹, Tornesello M.L.¹, Tagliamonte M.¹, Hinkula J.², Schröder U.³ and Buonaguro F.M.¹
¹Lab. Viral Oncology & AIDS Reference Center Ist. Naz. Tumori “Fond. G. Pascale”, Naples – Italy;
²Swedish Institute for Infectious Disease Control, Dept of Virology, 171 82 Solna – Sweden and Karolinska Inst., Stockholm – Sweden;
³Eurocine AB, Karolinska Science Park, 171 77 Stockholm – Sweden

4. ***The Functional Regulation of CCR5-RANTES Network in CD4+ T cells in Response to Cell Stimulation***
Nabatov A.¹, Geels M.¹, M. de Baar^{1,2}, and Paxton W.¹
¹Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands, ²Primagen, Amsterdam, The Netherlands

5. ***Recovery of Transcriptional Activity of p53 Tumor Suppressor in Different Human Tumor Cells by Means of Recombinant Adenoviruses Ad5-p53 and CELO-p53***
Logunov D.J., Iljinskaja G.V., Cherenova L.V., Shmarov M.M., Kopnin B.P.*, Naroditsky B.S.*
Gamalei Institute of Epidemiology and Microbiology (Moscow);
**Blokhin Institute of Cancerogenesis*

6. ***Chemical and Physical Methods of HIV Inactivation***
Eremin V.F., Blashkevich N.V., Barisenko Z.I., Gasich E.L.
State Institute of Epidemiology and Microbiology, Minsk, Belarus

7. ***Review of Poster Session***
Nabatov A.A., Murashov B.V.

09:30 – 13:00 **Small Hall****SESSION 5. NIDA SYMPOSIUM: MULTI-DISCIPLINARY EVALUATION RESEARCH ON PUBLIC HEALTH IMPACT AND COST EFFECTIVENESS OF HIV/AIDS INTERVENTIONS****Chairpersons: Hartsock P., Normand J.**

1. ***Introduction: NIDA’s Multi-Disciplinary Evaluation Research On The Public Health Impact and Cost Effectiveness of HIV/AIDS Interventions***
Hartsock P.I.
Center on AIDS and Other Medical Consequences of Drug Abuse, National Institute on Drug Abuse (NIDA), National Institutes of Health, Bethesda, Maryland

2. ***Changing Clinical and Health Policy with Modeling***
Owens D.K.
Stanford University and U.S. Veterans Administration, Palo Alto, California
3. ***Costs and Benefits of Potential HIV Vaccines in the Era of Highly Active Antiretroviral Therapy***
Owens D.K.
Stanford University and U.S. Veterans Administration, Palo Alto, California
4. ***The Cost Effectiveness of Improved Adherence to HAART***
Zaric G.
Ivey School of Business, University of Western Ontario, London, Ontario, Canada
5. ***The Cost Effectiveness of Methadone and Buprenorphine for Treatment of Injection Drug Users***
Zaric G.
Ivey School of Business, University of Western Ontario, London, Ontario, Canada
6. ***Model-Based Evaluations of the Costs and Benefits of HIV Counseling, Testing and Referral***
Paltiel D.
Yale University School of Medicine, New Haven, Connecticut
7. ***A Blueprint for Evaluation of HIV Prevention Programs***
Brandeau M.
Stanford University Department of Industrial Engineering and Engineering Management, Palo Alto, California
8. ***HIV Prevention Programs in Russia: Structure, Costs, and Outputs***
Kahn J.
University of California, San Francisco
9. ***Geographically-Enhanced Mathematical Models of HIV Dynamics***
Bobashev G.V.
Research Triangle Institute, North Carolina

14:00 – 18:00 **Big Hall**

SESSION 6. EPIDEMIOLOGY AND PREVENTION OF HIV-INFECTION

Chairpersons: Hoffman I., Somlai A., Papuashvili M.N.

1. ***The Incidence of HIV among a Cohort of Injection Drug Users from St.Petersburg, Russia***
Shaboltas A., Toussova O., Verevochkin S., Hoffman I. *, Kozlov A.
The Biomedical Center, St.Petersburg State University, St.Petersburg, Russia,
* School of Public Health, University of North Carolina, USA
2. ***Alcohol Use and HIV Risk Behaviors among HIV-Infected Hospitalized Patients in St. Petersburg, Russia***
Krupitsky E., Lioznov D., Kuznetsova M., Zvartau E., Horton N., Williams E., and Samet J.
St. Petersburg State Pavlov Medical University, St. Petersburg, Russia, University of Pennsylvania, USA
3. ***Prevalence of Sexually Transmitted Diseases and Risk Behaviors for HIV and STDs among Young Adults Living in Student Dormitories in St. Petersburg, Russia***
Somlai A.
Medical College of Wisconsin, USA
4. ***Factors Associated with Drug Overdose among Opiate Users: Implications for Prevention***
Latkin C., Tobin K.
Johns Hopkins School of Public Health, Baltimore, Maryland, USA

5. **Comparison of Standard and Simplified Peer Models (PDI) for Drug Addicts: Field Experiment in Bragino and Rybinsk, Russia**
Volkanevsky V.L., Broadhead R.S., Mamina A.F., Rjabkoba M.V., Sher E.V., Sergeev B.I.
Yaroslavl AIDS Center
6. **Evaluation of Needle Exchange Programs: Key Research Findings**
Brandeau M.
Stanford University, USA
7. **The Role of the University of South Florida in Global AIDS and Related Diseases**
Windom R.
University of South Florida, USA
8. **Review of Poster Session:**
Shaboltas A.V., Dyatlov R.V. – Prevention;
Verevochkin S.V. – Epidemiology and Laboratory Diagnostics;
Papuashvili M.N. – Clinical and Immunology.

14:00 – 18:00**Small Hall****SESSION 7. THEORETICAL AND EXPERIMENTAL BIOLOGY****Chairpersons: Evtushenko V.I., Baranova A.V.**

1. **On the Possible Evolutionary Role of Tumors**
Kozlov A.P.
The Biomedical Center, St.Petersburg
2. **Cancer-specific Transcripts as a Potential Tumor Markers for Diagnostics and Monitoring of Human Malignancies**
Baranova A.V.^{1,3}, Tyazhelova T.V.⁴, Krukovskaja L.L.², Kozlov A.P.²
¹Genome Analysis Lab, Vavilov Inst General Genetics, Moscow, GSP-1, Russia;
²The Biomedical center, St.Peterburg, Russia,
³Molecular and Microbiology Department, George Mason University, Fairfax, VA, 22030
⁴Shemyakin and Ovchinnikov Institute for Bioorganic Chemistry, Moscow, Russia
3. **Discovery of Newly Evolved Sequences with Tumor-Specific Expression**
Krukovskaja L.L., Baranova A.V.¹, Tjazhelova T.V.², Polev D.E., Nosova J.K., Kozlov A.P.
The Biomedical Center, St. Petersburg, Russia;
¹ George Mason University, Fairfax, VA, USA;
² Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia
4. **Evolution of Nucleotide Sequences with Tumor-Specific Expression in Primates**
Dukhovlinov I.V., Krukovskaja L.L., Baranova A.V. *, Polev D.E., Nosova J.K., Kozlov A.P.
The Biomedical Center, St. Petersburg, Russia;
* George Mason University, Fairfax, VA, USA;
5. **Evolution of Alternative Splicing**
Gelfand M.
Institute for Information Transmission Problems, Moscow, Russia
6. **A Systematic Approach to Reveal Regulatory SNPs in Promoter Areas of Human Genes**
Stepanova M.¹, Tiazhelova T.³, Skoblov M.¹, Yankovsky N.¹, Baranova A.^{1,2}
¹ Vavilov Institute of General Genetics, Moscow, Russia
² Molecular and Microbiology Department, College of Arts and Sciences, George Mason University, Fairfax, VA, USA
³ Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia
7. **Methylation as Epigenetic Factor in Cervical Tumor Progression**
Kiselev F.L.
N.N.Blokhin Cancer Research Center, Moscow

THURSDAY, 27 MAY

9:30 – 13:00 Big Hall

SESSION 8. HIV/AIDS IN ARMED FORCES

Chairpersons: Bulankov J.I., Schnepf G.

1. ***HIV Prevention in the Armed Forces of the Russian Federation***
Bulankov J.I.
Military-Medical Academy, St. Petersburg

2. ***HIV/AIDS in the US Department of Defense***
Schnepf G.
CAPT, MC, USN

3. ***The Uniformed Services University Of The Health Sciences (USUHS): Roles In Education, Service And Military-Relevant Research***
Grimley P.M. and Dix M.*
F. Edward Hebert School of Medicine, Uniformed Services University of the Health Sciences (USUHS)
** USUHS, Bethesda, Maryland, USA*

4. ***Clinical Manifestations of the Early Stages of HIV Infection in Military Men of the Russian Ministry of Defense***
Zigalenko D.G., Bulankov J.I., Bolekhan V.N.
Military-Medical Academy, St. Petersburg

5. ***Analysis of the Results of HIV Testing in a Multidiscipline Medical-preventive Institution of the Russian Ministry of Defense***
Bolekhan V.N., Bulankov J.I., Zigalenko D.G.
Military-Medical Academy, St. Petersburg

6. ***Allergological and Immunological Aspects of HIV Pathogenesis***
Mitin J.A., Voblikiva E.J., Bulankov J.I.
Military-Medical Academy, St. Petersburg

9:30 – 13:00 Small Hall

SESSION 9.1. VIRAL AND CELLULAR HUMAN ONCOGENES: MOLECULAR MECHANISMS OF TUMOR GROWTH

Chairpersons: Gurtsevitch V., Itkes A.

1. ***Tumor Suppressor p53: New Functions***
Kopnin B.
Institute of Cancerogenesis, NN Blokhin Cancer Research Center, Moscow

2. ***Cooperation of Exogenous and Endogenous Viruses: Human Endogenous Retrovirus K (HERV-K) NP9 Protein Down-Regulates Epstein-Barr Nuclear Antigen (EBNA2) Activated Promoters***
Spurk A., Armbruester V., Nord R., Sauter M., Mueller-Lantzsch N., and Grässer F.
Institut für Medizinische Mikrobiologie und Hygiene, Abteilung Virologie, Universitätskliniken, 66421 Homburg/Saar, Germany

3. ***Hepatitis C Virus RNA Detection by in situ PCR in Hepatocellular Carcinoma***
Riazantseva A.A.* , Zavalishina L.E. , Manykin A.A.* , Frank G.A.** , Petrov A.N.** , Kutcherova T.E.***
**-D.I.Ivanovsky Institute of Virology RAMS;*
***- P.A.Herzen Institute of Oncology, Moscow*

4. Real Time Monitoring of Cytotoxicity and Selection of Synergistic Agents for Treatment of Refractory Malignancies

Grimley P.M.¹, Villegas Z.¹, Smith W.I.Jr.², Li Z.³, and Hankins W.D.³

¹Departments of Pathology, Uniformed Services University of the Health Science;

²Suburban Hospital Association Bethesda, Maryland 20814,

³New Hope Pharmaceuticals, Gaithersburg, Maryland 20877 and the Department of Medicine, Johns Hopkins University, Baltimore, MD 21287, USA

5. Mutations of the β -TrCP Recognition Sites in EBV Latent Membrane Protein 1 Gene (LMP1) May Contribute to Its Oncogenic Potential

Pavlish O.¹, Tang W.², Grasser F.³, Scherbak L.¹, Goncharova E.¹, Hahn P.³, Belousova N.¹, Mueller-Lantzsch N.³, Fuchs S.², Spiegelman, V.⁴, Gurtsevitch V.¹

¹ N. N. Blokhin Cancer Research Center, Moscow, Russia;

² Univ. of Pennsylvania, Philadelphia, USA;

³ Virology Institute, Universitätskliniken, Homburg/Saar, Germany;

⁴ AMC Cancer Center, Lakewood, CO, USA

6. Gene Polymorphisms of Individual Predisposition to Cancer

Imyanitov E.

N.N.Petrov Research Institute of Oncology, St.Petersburg

14:00 – 18:00 Big Hall

SESSION 10. ROLE OF COMMUNITY IN RESEARCH ON HIV/AIDS

Chairpersons: Bogoliubova O.N., Hoff R.

1. Role of Community in Development and Application of Research Projects on HIV Prevention

Bogolubova O.N.

The Biomedical Center and St. Petersburg State University, St.Petersburg

2. Experience of Collaboration with Community in the Framework of a Project of Assistance to Dormitories

Dyatlov R., Khmyrov A.

The Biomedical Center, NGO “View to the Future»

3. Experience of Collaboration with Community in the Framework of a Project of Long-Term Follow-up of IDUs Cohort

Shaboltas A., Tousseva O., Bogolubova O., Evlampiev A., Kasach V.

The Biomedical Center, St. Petersburg State University, Group of Mutual Aid “Candle”

4. Experience of Collaboration with Community in the Framework of the Project on HIV and TB Coinfection

Granskaya J.V., Zhemkova M.V., Vdovichenko E.A.

The Biomedical Center, St. Petersburg State University

5. Round Table Discussion

14:00 – 18:00 Small Hall

SESSION 9.2. VIRAL AND CELLULAR HUMAN ONCOGENES: MOLECULAR MECHANISMS OF TUMOR GROWTH

Chairpersons: Gurtsevitch V., Itkes A.

1. Integration of DNA of Monkey Retroviruses into Human Chromosomes

Itkes A.¹, Miandina G.¹, Gurianova O.¹, Sivov I.², Galaktionova T.³, and Lebedev Yu.⁴

¹ Peoples' Friendship Univ. Russia,

² Inst. Epidemiol. Microbiol. RAMS,

³ «Bioeffect» Res. Inst.

⁴ Inst. Bioorg. Chem. RAS, Moscow

2. **Genetic Defects as Markers of Tumor Growth**
Lichtenstein A.
Institute of Cancerogenesis, NN Blokhin Cancer Research Center, Moscow
3. **Different Oncogenic Risk Associated with HPV-16 Variants in Italian Subjects**
Tornesello M.L.¹, Duraturo M.L.¹, Buonaguro L.¹, Losito S.², Botti G.², Stellato G.³, Greggi S.³, Pilotti S.⁴, De Palo G.⁵, and Buonaguro F.M.¹
¹*Viral Oncology and AIDS Reference Centre, National Cancer Institute, "Fond. Pascale", Naples, Italy;*
²*Department of Pathology, National Cancer Institute, "Fond. Pascale", Naples, Italy;*
³*Division of Gynecology, National Cancer Institute, "Fond. Pascale", Naples, Italy;*
⁴*Department of Pathology, National Cancer Institute, Milan, Italy;*
⁵*Preventive and Predictive Medicine, National Cancer Institute, Milan, Italy;*
4. **Molecular Aspects of Cervical Carcinoma Tumor Progression**
Kisseljev F.L.
N.N.Blokhin Cancer Research Center, Moscow
5. **Daylight Regime. Life Longevity and cancer**
Anisimov V.
N.N.Petrov Research Institute of Oncology, St.Petersburg
6. **Review of Poster Session**

FRIDAY, 28 MAY

9:30 – 13:00 Big Hall

SESSION 11. EPIDEMIOLOGY AND PREVENTION OF TUBERCULOSIS

Co-chairs: Zhemkov V.F., Khoshnood K., Levashov Y.N.

1. **The Problem of Tuberculosis and Ways to Its Solution in a Metropolitan City, St. Petersburg as an Example**
Zhemkov V.F.
TB Center, St. Petersburg
2. **Methodology of Improving the Epidemiological Situation of Tuberculosis in the Penitentiary System**
Shubin E.J.
Department of Penitentiary Punishment, Ministry of Justice, Karelia
3. **Multi Drug Resistant Tuberculosis (MDR-TB) in Russia: The Role of Prisons**
Khoshnood K.
Yale University, USA
4. **Epidemic in Central Europe, ART, TB Treatment in ART Era**
DeHovitz J.
SUNY, Downstate Medical Center, USA
5. **BCG-osteitis in Children (Algorithms of Diagnostics and Treatment)**
Mushkin A.J.
Research Institute of Phthiology, St. Petersburg
6. **Treatment of Multi-Drug Resistant Patients.**
Danilovich M.
Tartu University, Estonia
7. **Effectiveness of Tuberculosis Prevention Measurements in the Novgorod Region**
Karpov A.V.
Regional TB Dispensary, Veliky Novgorod

8. ***The Advancement of the WHO Strategy in the Fight against Tuberculosis in Russia (DOTS)***
Kokotov J.I.
International Federation of the Red Cross and Red Half Moon Association, Representation in Russia, Moscow
9. ***Review of the Poster Session***
Ivanovsky V.B.
TB Center, St. Petersburg

9.30-13.00 Small Hall

SESSION 12. PROBLEMS OF HEMOTRANSFUSSIVE TRANSMISSIONS OF HIV AND OTHER VIRUSES

Co-chairs: Selivanov E.A., Chebotkevich V.N.

1. ***The Problem of Reducing Risk of Transfusion-Transmitted Infections***
Selivanov E., Danilova T., Vorobey L.
Russian Institute Hematology and Transfusiology, St.Petersburg, Russia
2. ***Identification of Hepatitis B Markers in Blood Donors, Medical Workers and Hemophiliacs***
Berkos M.V., Matveeva T.A., Krasnjakov V.K., Bubnova L.N.
Research Institute of Hematology and Transfusiology, St. Petersburg, Russia
3. ***Fluorescence-Hybridization PCR Test-system for HBV Detection in the Blood***
Fedorov N., Yolov A., Cherkasov E., and Zhiburt E.
The Blood Center of Health Ministry of Russian Federation, Moscow, Russia
4. ***Characteristics of the Immune Status of Patients with Hemophilia A Based on Hepatitis C Status***
Chubukina G.V., Bubnova L.N., Soldatenkov V.E., Kargin V.D.
Research Institute of Hematology and Transfusiology St. Petersburg, Russia
5. ***Viral Infections and Autoimmune Hemolytic Anemia***
Garanzha T.A., Jaroslavtseva N.G., Tupoleva T.A., Grumbkova L.O., Tsvetaeva N.V., Kaplanskaja I.B., Nikulina O.F., Filatov F.P.
Hematology Research Center, Russian Academy of Medical Science, Moscow, Russia
6. ***Functional Disorders Hemopoietic Microenvironment in Chronic Hepatitis C***
Rugal V., Gonchar V., Chebotkevich V., Kuznetsov N.
Russian Institute Hematology and Transfusiology, Medical Academy Postgraduate Study, St.Petersburg, Russia

14.00-17.00 Small Hall

SESSION 13. ETHICS WORKSHOP

Chairpersons: Gorlinsky I.A., Levine R.

1. ***International Guidelines on Research Ethics - Emphasis on Revised CIOMs***
Levine R.
Yale University, USA
2. ***NIH based Regulations on Human Subjects Research***
Lazarini Z.
NIH, USA
3. ***Review of the Current State of Ethical Regulations in Biomedical Research in Russia***
Gorlinsky I.A.
St. Petersburg State University
4. ***A Hypothetical Research Study Involving Complex Ethical Issues***
Khoshnood K., & Marshall P.
Case Western Reserve University, Yale University, USA

THE PROGRAM OF JOINT POSTER SESSION

THE PROGRAM OF JOINT POSTER SESSION

3.1. HIV/AIDS POLICY

3.1.1. ***Responsible Globalization: A Future Role for Russian Factories in HIV Vaccine Production?***

Locke, E.G, Burke, D, and Kozlov, A.P
Johns Hopkins University, USA, and the Biomedical Center, St.Petersburg, Russia

3.1.2. ***The Political Cooperation between the European Union and the United States of America in the Struggle against Global Epidemics on the Example of HIV/AIDS***

Gorlinsky A.I.
St.Petersburg State University

3.1.3. ***Accessible Treatment vs. International Law: Challenges of Globalization?***

Kozlov A.A.
The Biomedical Center and St.Petersburg State University

3.2. MOLECULAR BIOLOGY AND HIV VACCINE

3.2.1. ***Induction of HIV-1 Proviruses***

Sivov I.G., Galaktionova T.S., Itkes A.V.
Research Institute “Bioeffect”, Moscow; Russian University of Nations Friendship, Moscow, Russia

3.2.2. ***Influence of the Antigen Structure and its Delivery Systems on Expressiveness and Polarization of Immune Response***

Maksjutova A.V., Bulychev L.E., Lebedev L.R., Maksutov A.Z., Poryvaev V.D., Ryzhikov A.B.
State Scientific Center “Vector”, Koltsovo, Novosibirsk Region, Russia

3.2.3. ***ADEPT Programs: Means for the Development of New Methods for the Prediction of Protein Antigen Determinants***

Maksjutov Z.A., Maksjutov A.Z.
State Scientific Center “Vector”, Koltsovo, Novosibirsk Region, Russia

3.2.4. ***Influence of Several Species of Mycoplasmas on T-lymphocytes Coinfected with HIV-1 in vitro***

Stavtzev M.
The Gamaleya Inst. for Epidemiology & Microbiology, RAMS, Moscow, Russia

3.2.5. ***Immunochemical Characteristics of IgG Autoantibodies to Plasminogene Extracted from Plasma of Patients Affected with Red Lupus with Secondary Antiphospholipid Syndrome***

Kozmin L.D., Bliznukov O.P., Martynov A.I.
Institute of Immunology RAMS, Moscow, Russia

3.2.6. ***Genotyping of HIV-1 Strains Circulating among HIV-infected Injecting Drug Users in St. Petersburg***

Masharsky A.E., Chernjaeva E.N., Verevochkin S.V., Gagarina S.Y., Klimov N.A., Kozlov A.P.
The Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia

3.2.7. ***Expression of HIV-1 nef Gene in E.coli Cells***

Murasheva I.V., Murashev B.V., Kozlov A.P.
The Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia

3.2.8. ***The Study of Persistence and Distribution in Organs of Salmonella Eteritidis E-23 Vaccine Strain under Rectal Introduction to Mice in the Form of Suppositories***

Donin M.V.¹, Boichenko M.V.¹, Klimov N.A.², Kozlov A.P.², Vorobjov A.A.¹

¹Sechenov MMA, Moscow;

²The Biomedical Center, St. Petersburg

- 3.2.9. Expression of Mouse H2-K MHC 1 Proteins (Gaplotype d) and B2-microglobulin in E.coli Cells**
Druzhikhina V.M., Murashev B.V., Klimov N.A., Kozlov A.P.
 The Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia
- 3.2.10. Immunological Characteristics of DNA Vaccines on the Basis of HIV-1 nef Gene**
Murashev B.V., Astanina M.S., Murasheva I.V., Klimov N.A., Kozlov A.P.
 The Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia
- 3.2.11. Chemical and Physical Methods of HIV-1 Inactivation**
Eremin V.F., Blashkevich N.V., Barisenko Z.I., Gasich E.L.
 Research Institute of Epidemiology and Microbiology, Byelorussia
- 3.2.12. Detection and Genotyping of Hepatitis C Virus (HCV)**
Zarytova V., Pyshnaya I., Pyshnyi D., Ivanova E.
 Institute of Chemical Biology and Fundamental Medicine, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia
- 3.2.13. Design and Development of Candidate DNA Vaccine based on HIV-1 Subtype A Gag Gene**
Dukhovlinov I.V., Murashev B.V., Vorojtsova E.V., Masharsky A.E., Klimov N.A., Kozlov A.P.
 The Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia
- 3.2.14. HIV-infection among IDUs: Evaluation of Infection Incidence in the Cohort**
Verevochkin S.V., Gagarina S.Y., Shaboltas A.V., Hoffman I.*, Kozlov A.P.
 The Biomedical Center, Research Institute of Highly Pure Biochemicals, St. Petersburg, Russia;
 *University of North Carolina, USA
- 3.2.15. Recovery of Transcriptional Activity of p53 Tumor Suppressor in Different Human Tumor Cells by means of Ad5-p53 Recombinant Adenoviruses**
Logunov D.J.¹, Iljinskaja G.V.², Cherenova L.V.¹, Shmarov M.M.¹, Kopnin B.P.², Naroditsky B.S.¹
¹Gamaleja Institute of Epidemiology and Microbiology, Moscow;
²Institute of Cancerogenesis, NN Blokhin Cancer Research Center, Moscow
- 3.2.16. The Functional Regulation of CCR5-RANTES Network in CD4⁺ T-cells in Response to Cell Stimulation**
Nabatov A.¹, Geels M.¹, De Baar M.^{1,2}, and Paxton W.¹
¹Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands,
²Primagen, Amsterdam, The Netherlands
- 3.2.17. Influence of the V3 Charge in Conjunction with gp120 N-linked Glycosylation Pattern on HIV-1 Phenotypic Properties**
Nabatov A., Pollakis G., Linnemann T., Kliphuis A., Chalaby M. and Paxton W.
 Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands
- 3.2.18. VLPs As Anti-HIV Vaccine Strategy**
Buonaguro L.¹, Tornesello M.L.¹, Tagliamonte M.¹, Hinkula J.², Schröder U.³ and Buonaguro F.M.¹
¹Lab. Viral Oncology & AIDS Reference Center Ist. Naz. Tumori “Fond. G. Pascale”, Naples – Italy;
²Swedish Institute for Infectious Disease Control, Dept of Virology, 171 82 Solna – Sweden and Karolinska Inst., Stockholm – Sweden;
³Eurocine AB, Karolinska Science Park, 171 77 Stockholm – Sweden

3.3. EPIDEMIOLOGY AND PREVENTION OF HIV-INFECTION

- 3.3.1. Alcohol Use and HIV Risk Behaviors among HIV-Infected Hospitalized Patients in St. Petersburg, Russia**
Krupitsky E., Lioznov D., Kuznetsova M., Zvartau E., Horton N., Williams E., and Samet J.
 St. Petersburg State Pavlov Medical University, St. Petersburg, Russia, University of Pennsylvania, USA

- 3.3.2. **Establishing a Cohort Study and Evaluating of HIV Prevalence and HIV Incidence Rates among Injection Drug Users in St. Petersburg**
Shaboltas A., Verevohkin S., Hoffman I.¹, Ryder R.¹, Perdue T.², Kozlov A.
Biomedical Center, St.Petersburg State University, St.Petersburg, Russia,
¹ School of Public Health, University of North Carolina, USA,
²Statistical Center for HIV/AIDS Research and Prevention (SCHARP), Fred Hutchinson Cancer Research Center, USA
- 3.3.3. **Recruitment and Follow up of IDU Cohort in St.Petersburg**
Toussova O., Shaboltas A., Glubokovskaja M., Hoffman I. *, Ryder R. *, Kozlov A.
Biomedical Center, St.Petersburg State University, St.Petersburg, Russia,
*School of Public Health, University of North Carolina, USA
- 3.3.4. **Research on Drug Use and Biological Markers among the Clients of Harm Reduction Site at Lithuanian AIDS Centre**
Caplinskiene I., Caplinskas S, Griskevicius A., and Kulsienė J.
Lithuanian AIDS Centre, Vilnius, Lithuania
- 3.3.5. **Prevalence of Sexually Transmitted Infections among Drug Users**
Krasnoselskikh T.V., Abdala N. *, Verevohkin S.V.
The Biomedical Center, St. Petersburg;
*Yale University, New Haven, USA
- 3.3.6. **Social and Demographic Characteristics of Injection Drug Users in Russia: Results from 6 Cities**
Borodkina O.¹, Irwin K.², Baranova M.¹, Girchenko P.¹, Heimer R.², Kozlov A.¹
¹Biomedical Center, St. Petersburg State University, St Petersburg, Russia,
²Yale University School of Medicine, New Haven, CT USA
- 3.3.7. **Comparison of Standard and Simplified Models of Peer Driven Intervention (PDI) for Drug Users: Field Experiment in Bragino, Rybinsk, Russia**
Volkanevsky V.L., Broadhead R., Mamina A.F., Rjabkova M.V., Sher E.V., Sergeev B.I.
Yaroslavl AIDS Center
- 3.3.8. **Research on the Dynamics of Risk Behavior and the Rate of STI Incidence among Students Living in Dormitories of St. Petersburg**
Dyatlov R.V.^{1,2}, Verevohkin S.V.¹, Sokolov N.V.^{1,2}, Granskaja J.V.^{1,2}, Kelly J.³, Somlai A.³, Shaboltas A.V.^{1,2}, Khmyrov A.V.⁴, Kozlov A.P.^{1,2}
¹The Biomedical Center, St, Petersburg, Russia,
²St. Petersburg State University, Russia,
³Medical College of Wisconsin;
⁴NGO “View to the Future”, St. Petersburg, Russia
- 3.3.9. **Epidemiological Situation on HIV Infection in Amurskaja Oblast**
Zaljatdinov T.A., Merekina N.N., Lipskaja N.A., Alkova T.J., Efremova A.V., Duleba N.A., Birukov D.S., Lukjanova S.G.
Amursky Regional AIDS Center, Blagoveschensk, Russia
- 3.3.10. **Dynamics of the HIV Epidemic and Drug Use in Murmansk**
Babich N.G.¹, Bailuk F.N.¹, Zaplatkin S.A.², Utkin A.V.¹
¹Murmansk AIDS Center
²Murmansk Narcological Dispensary, Russia
- 3.3.11. **Abuse of Psychostimulants in Young Population**
Vorobjovskiy O.
St. Petersburg State University
- 3.3.12. **HIV Prevention among Adolescents by Means of Communicational and Social Methods**
Varivonchik D.V., Kalchenko A.N., Rudenko A.E.
Institute of Labor Medicine , National Medical University , Kiev Sanitary -Epidemiological Center, Ukraine

- 3.3.13. Sociological Research as a Condition for Introducing Programs of Reaction on Medical-Social Situation in Society**
Zherdeva A.I., Misak O.N., Larina N.N., Kuznetsova A.V.
 Center on Prevention and Control of AIDS and Infectious Diseases, Khabarovsk, Russia
- 3.3.14. The Best Information Proposal of 2004 Devoted to the Fight of HIV/AIDS in Russia – the Winner of the Competition “HIV/AIDS. To Know — is to Live”**
Saffannikov N.M., Bureneva O.I., Davydova A.A.
 Technopark of the St. Petersburg Electro-technical University; City Center on Prevention and Control of AIDS and Infectious Diseases, St. Petersburg
- 3.3.15. Dynamics of the HIV/AIDS Epidemic in Gomel Region (1996-2003)**
Suetnov O.N.¹, Lavochkin V.M.¹, Eremin V.F.², Karpov I.A.³
¹AIDS Prevention Department, Gomel;
²Research Institute of Epidemiology and Microbiology, Minsk
³Medical University, Minsk, Byelorussia
- 3.3.16. HIV-infection among Women and Measures on Prevention of Vertical Transmission of HIV in Gomel Region**
Suetnov O.N.¹, Lavochkin V.M.¹, Eremin V.F.², Karpov I.A.³
¹AIDS Prevention Department, Gomel;
²Research Institute of Epidemiology and Microbiology, Minsk
³Medical University, Minsk, Byelorussia
- 3.3.17. The Influence of Iodine Solution on HIV-1 Survival in vitro**
Tolstov Y.L.^{1,2}, Dizhe G.P.¹, Abdala N.³, Kozlov A.P.², Heimer R.³
¹Department of Biochemistry St. Petersburg State University, Russia;
²The Biomedical Center, St. Petersburg, Russia ;
³Department of Epidemiology and Public Health Yale University School of Medicine, New Haven, CT, USA
- 3.3.18. Symbolic Interpretation of Alcohol and Drug Use Practices in Student Dormitories in St. Petersburg, Russia**
Sokolov N.V., Dyatlov R.V., Bordokina O.I., Hartman B.R. *, Seal D.W. *, Kelly J.A. *, Kozlov A.P.
 The Biomedical Center, St. Petersburg, Russia, St. Petersburg State University, Russia,
 *Medical College of Wisconsin, USA
- 3.3.19. Injection Drug Users as Clients of Social Service System. (Results of Expert Interview)**
Sokolov N.V., Shaboltas A.V., Damberg S., Latkin C. *, Kozlov A.P.
 The Biomedical Center, St. Petersburg, Russia; St. Petersburg State University, Russia;
 * John Hopkins University, USA
- 3.3.20. Picture of the Future and its Connection to High-risk Behavior in People Experienced Violence in Childhood**
Bogoljubova O.N.
 The Biomedical Center; St. Petersburg State University, St. Petersburg, Russia
- 3.3.21. Factors Associated with Drug Overdoes among Opiate Users: Implications for Prevention**
Latkin C., Tobin K.
 Johns Hopkins School of Public Health, Baltimore, Maryland, USA
- 3.3.22. Knowledge of Intravenous Drug Users on HIV/AIDS and Hepatitis**
Caplinskiene I.
 Lithuanian AIDS Centre, Vilnius, Lithuania
- 3.3.23. Simulating the Production of “Home-Made” Ephedrine-Based Solutions in the Laboratory. Can these Preparations Harbor Viable HIV-1?**
Abdala N., Grund J., Irwin K., Heimer R.
 Yale University, USA
- 3.3.24. Popularity of Preventative HIV/AIDS Postcard among Students**
Nagys Z., Caplinskas S.
 Lithuanian AIDS Centre, Vilnius, Lithuania

- 3.3.25. **Internet Inquiries as Reflection of HIV/AIDS Information Campaigns**
Caplinskas S., Stoniene L.
Lithuanian AIDS Centre, Vilnius, Lithuania
- 3.3.26. **Article Titles Reflect Attitudes toward HIV/AIDS**
Stoniene L., Caplinskas S.
Lithuanian AIDS Centre, Vilnius, Lithuania
- 3.3.27. **HIV Stigma and Attitudes toward PLWA**
Stoniene L.
Lithuanian AIDS Centre, Vilnius Pedagogical University, Lithuania
- 3.3.28. **Input of Methodological Programmes in Formation of Attitude to HIV/AIDS**
Stoniene L., Caplinskas S.
Lithuanian AIDS Centre, Vilnius, Lithuania
- 3.3.29. **Russian Language Internet Sites for AIDS Organizations**
Pushko G.¹, Chaplinskas S.²
¹*Journal “Between us”, Vilnius, Lithuania;*
²*Lithuanian AIDS Center, Vilnius, Lithuania*
- 3.3.30. **Narcological Situation in Far-East Federal District**
Rakitsky G.F.
Khabarovsk Mental Hospital, Khabarovsk, Russia

3.4. THEORETICAL AND EXPERIMENTAL BIOLOGY

- 3.4.1. **Evolution of Nucleotide Sequences with Tumor-Specific Expression in Primates**
Krukovskaja L.L., Baranova A.V.* , Poley D.E., Dukhovlinov I.V., Nosova J.K., Kozlov A.P.
The Biomedical Center, St. Petersburg, Russia;
** George Mason University, Fairfax, VA, USA;*
- 3.4.2. **Discovery of Newly Evolved Sequences With Tumor-Specific Expression in Human Genome**
Krukovskaja L.L., Baranova A.V.* , Tjazelova T.V. , Poley D.E., Nosova J.K., Kozlov A.P.**
The Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia;
** George Mason University, Fairfax, VA, USA;*
*** Ovchinnikov Institute of Bioorganic Chemistry, Moscow , Russia*
- 3.4.3. **Evolution of Alternative Splicing**
Gelfand M.
Institute for Information Transmission Problems, RAS, Moscow, 127994, Russia
- 3.4.4. **A Systematic Approach to Reveal Regulatory SNPs in Promoter Areas of Human Genes**
Stepanova M.¹, Tiazhelova T.³, Skoblov M.¹, Yankovsky N.¹, Baranova A.^{1,2}
¹*Vavilov Institute of General Genetics, Moscow, Russia;*
²*Molecular and Microbiology Department, College of Arts and Sciences, George Mason University, Fairfax, VA, USA;*
³*Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia*
- 3.4.5. **Cancer-specific transcripts as a potential tumor markers for diagnostics and monitoring of human malignancies**
Baranova A.V.^{1,3}, Tyazhelova T.V.⁴, Krukovskaja L.L.², Kozlov A.P.²
¹*Genome Analysis Lab, Vavilov Inst General Genetics, Moscow, GSP-I, Russia;*
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3.5. HIV/AIDS IN ARMED FORCES

- 3.5.1. **Primary Serological Screening of the Collective - the Path to its Epidemiological Safety and to Increasing the Safety of Hemotransfusion Therapy**
Bulankov J.I., Belgesov N.V., Malkova I.V., Sidorkevich S.V., Tekhmeneva I.B.
Military-Medical Academy, St. Petersburg

3.5.2. Clinical-Laboratory Characteristics of HIV Infection in Service Men of the Department of Defense of the Russian Federation

Volzhanin V.M., Zhigalenko D.G., Bolekhan V.N., Bulankov J.I., Chubanenkov A.I.
Military-Medical Academy, St. Petersburg, 1586 District Clinical Military Hospital, Podolsk

3.5.3. Evaluation of the Cost Effectiveness of Laboratory Screening for HIV at the Time of Draft into the Military Service

Zigalenko D.G., Bolekhan V.N., Bulankov J.I.
Military-Medical Academy, St. Petersburg

3.5.4. HIV/Aids in the Us Department of Defense

Schnepf G.
CAPT, MC, USN

3.5.5. The Uniformed Services University of the Health Sciences (Usuhs): Roles in Education, Service and Military-Relevant Research

Grimley P.M.¹, Dix M.²

¹ Department of Pathology, F. Edward Hebert School of Medicine, Uniformed Services University of the Health Sciences (USUHS)

² USUHS, Bethesda, Maryland, USA

3.6. VIRAL AND CELLULAR HUMAN ONCOGENES

3.6.1. The Ratio Between Prostate-Specific Free and Total Antigens in Monitoring of Patients with Benign and Malignant Disorders of the Prostate

Ardatova L., Greiskop I., Shunatova V., Kochkarev A., and Shirokova E.
Kuibyshev State Railway Sanitary Inspection Center, Samara State Railway Clinic Hospital

3.6.2. Mutations of the β -TrCP Recognition Sites in EBV Latent Membrane Protein 1 Gene (LMP1) May Contribute to its Oncogenic Potential

Pavlish O.¹, Tang W.², Grasser F.³, Scherbak L.¹, Goncharova E.¹, Hahn P.³, Belousova N.¹, Mueller-Lantzsch N.³, Fuchs S.², Spiegelman V.⁴, Gurtsevitch V.¹

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⁴ AMC Cancer Center, Lakewood, CO, USA

3.6.3. High Frequency of the env MMTV-homologous Sequences Detection in Pregnant Breast Cancer Patients

Lushnikova A., Parokonnaya A., Kryukova I., Poleyaya E., and Lubchenko L.
NN Blokhin Cancer Research Center RAMS, Moscow, Russia

3.6.4. Genetic Defects as Markers of Tumor Growth

Likhtenshtein A.V.

Research Institute of Cancerogenesis, NN Blokhin Cancer Research Center, Moscow, Russia

3.6.5. HPV Infection and Genetic Heterogeneity of Cervical Displasia and Ovarian Cancer

*Bidzhieva B.A., Bliev J.A., Peskov D.J. *, Snigur N.V. *, Savinova E.B. *, Mazurenko N.N.*

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*Central Clinic Hospital, Moscow, Russia

3.6.6. Level of Cytokines in Bronchus-alveolar Lavage in Patients Suffered from Chronic Bronchitis with Displasic Changes in Bronchus Epithelia

Gerdt L.V., Stakheeva M.N., Cheremisina O.V., Cherdyntseva N.V., Pankova O.V.

Research Institute of Oncology, Tomsk, Russia

3.6.7. Detection of Hepatitis C Virus RNA in Hepatocellular Carcinoma by RT-PCR in situ

*Riazantseva A.A., Zavalishina L.E. *, Manykin A.A., Frank G.A. *, Petrov A.N. *, Kutcherova A.N.*

D.I.Ivanovsky Institute of Virology RAMS

* P.A.Herzen Institute of Oncology, Moscow

- 3.6.8. Expression of Adaptor Complex AP-3 Components Participating in Vesicular Traffic is Repressed at Cervical Carcinomas**
Petrenko A., Ivanova T., Kisseljov F., and Kisseljova N.
Institute of Cancerogenesis, NN Blokhin Cancer Research Center, Moscow
- 3.6.9. Role of Ecological Factor in Population Epidemiology of Cancer**
Varivonchik D.V.
Institute of Labor Medicine, Kiev, Ukraine
- 3.6.10. Cooperation of Exogenous and Endogenous Viruses: Human Endogenous Retrovirus K (HERV-K) NP9 Protein Down-regulates Epstein-Barr Nuclear Antigen (EBNA2) Activated Promoters**
Spurk A., Armbruester V., Nord R., Sauter M., Mueller-Lantzsch N., and Grässer F.
Institut für Medizinische Mikrobiologie und Hygiene, Abteilung Virologie, Universitätskliniken, 66421 Homburg/Saar, Germany
- 3.6.11. Integration of DNA of Monkey Retroviruses into Human Chromosomes**
Itkes A.¹, Miandina G.¹, Gurianova O.¹, Sivov I.², Galaktionova T.³, and Lebedev Yu.⁴
¹Peoples' Friendship Univ. Russia,
²Inst. Epidemiol. Microbiol. RAMS,
³«Bioeffect» Res. Inst.
⁴Inst. Bioorg. Chem. RAS, Moscow
- 3.6.12. HLA-antigen Distribution in Germ Cell Tumor Patients with Seropositive and Seronegative Profile to HERV-K/HTDV**
Senyuta N.¹, Tryakin A.¹, Boldyreva M.², Tjulandin S.¹, and Gurtsevich V.¹
¹NN Blokhin Cancer Research Center, Russian Academy of Medical Science;
²Immunogenetic Department, Institute of Immunology, Moscow, Russia
- 3.6.13. A Study of the Immunocorrective Properties of Recombinant Tumor Necrosis Factor beta**
*Fadina V.A., Masycheva V.I., Danilenko E.D., Starostina N.M. *, Meledina I.V. *, Kozlov V.A. **
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*Research Institute of Clinical Immunology, Siberian Branch of Russian Academy of Medical Sciences, Novosibirsk, Russia
- 3.6.14. Ethnopathogenic and Main Biological Basement for Administration of Different Forms of Probiotics**
Bondarenko V.M.¹, Vorobyev A.A.², Gershanovich M.A.³, Melnikova I.Y.⁴, Petrov L.N.⁵, Dobritsa V.P.⁵
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³Oncology Institute St.Petersburg;
⁴St.Petersburg Medical Academy of Postgraduate Education;
⁵State Research Centre of Pure Biopreparations, St.Petersburg, Russia
- 3.6.15. Tireoid Peroxidaze and Autoantibodies to it. Possible Mechanisms of Autoimmune and Cancer Pathologies**
Dizhe G.P., Krasovskaja I.E., Bakharev K.S., Kozhevnikov E.A.
St. Petersburg State University, Ukhtomsky Research Institute of Physiology
- 3.6.16. Real Time Monitoring of Cytotoxicity and Selection of Synergistic Agents for Treatment of Refractory Malignancies**
Grimley P.M.¹, Villegas Z.¹, Smith W.I.Jr.², Li Z.³, and Hankins W.D.³
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²Suburban Hospital Association Bethesda, Maryland 20814,
³New Hope Pharmaceuticals, Gaithersburg, Maryland 20877 and the Department of Medicine, Johns Hopkins University, Baltimore, MD 21287, USA

3.6.17. Different Oncogenic Risk Associated with HPV-16 Variants in Italian Subjects
Tornesello M.L.¹, Duraturo M.L.¹, Buonaguro L.¹, Losito S.², Botti G.², Stellato G.³, Greggi S.³, Pilotti S.⁴, De Palo G.⁵, and Buonaguro F.M.¹

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⁵Preventive and Predictive Medicine, National Cancer Institute, Milan, Italy

3.7. ROLE OF COMMUNITY

3.7.1. Community Mobilization as a Method of HIV Prevention
Bogoliubova O, Nischita A.

The Biomedical Center, St-Petersburg State University

3.7.2. Experience of the Development of Mutual Aid Groups in St. Petersburg
V. Kasach

Group of Mutual Aid "Candle"

3.7.3. Human Rights Issues in Russian Prisons: Individual Right and Public Good
Palamodova S.S.

The Biomedical Center, St.Petersburg

3.8. EPIDEMIOLOGY AND PREVENTION OF TUBERCULOSIS

3.8.1. Epidemiological Situation with Regard to Tuberculosis Among Kuibyshev Railroad Employees

Shunatova V., Ardatova L., Shirokova E., and Kochkarev A.

Kuibyshev State Railway Sanitary Inspection Center, Samara State Railway Clinic Hospital

3.8.2. Tuberculosis Diagnostics Using the Enzyme Immunoassay Technique

Shunatova V., Ardatova L., Shirokova E., and Kochkarev A.

Kuibyshev State Railway Sanitary Inspection Center, Samara State Railway Clinic Hospital

3.8.3. Effectiveness of Ronkoleucine under Experimental Tuberculosis Associated with Immunodeficiency Syndrome

Bulankov J.I., Katsalukha V.V., Bolekhan V.N., Zigalenko D.G., Pak N.V.

Military-Medical Academy, St. Petersburg

3.8.4. On the Frontier of Centuries

Fedorova M.V.

TB Center, Pskov

3.8.5. Methods for Improving the Epidemiological Situation on Tuberculosis in Penitentiary System of the Republic of Karelia

Shubin E.J.

Department of Penitentiary Punishment, Ministry of Justice, Karelia

3.8.6. Results of Ophthalmological Examination of Lung TB Patients

Popova S.G., Sanaeva S.G., Hokkanen V.M., Ivanov A.K.

City TB Center, Institute of Phtisiopulmonology

3.8.7. Tuberculosis and lung cancer in the district of the mega city

Novitskaya I.N.

St-Petersburg "The antitubercular clinic № 17 of Frunzenski district"

3.8.8. Detection and Characteristics of HIV Infected Persons in TB Clinic

Zhemkov V.F., Ivanovsky V.B., Plemjannikova G.I., Orlov S.A.

TB Center, St. Petersburg, Russia

3.8.9. *Characteristics of HIV-infected Persons with Active Tuberculosis in St. Petersburg, Russia*
**Zhemkov V.F.¹, Granskaja J.², Steklova L.¹, Narvskaja O.³, Shpakovskaja L.¹, Masharsky A.²,
 Wendelboe A.M.⁴, Kozlov A.P.², Ryder R.⁴, Salfinger M.⁵, Van Rie A.⁴**

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⁵Wadsworth Center, New York State Department of Health, Albany, New York, USA

3.9. PROBLEMS OF HEMOTRANSFUSSIVE TRANSMISSIONS OF HIV AND OTHER VIRUSES

3.9.1. *Fluorescence-hybridization PCR Test-system for HBV Detection in the Blood*

Fedorov N., Yolov A., Cherkasov E., and Zhiburt E.

The Blood Center of Health Ministry of Russian Federation, Moscow, Russia

3.9.2. *Specifics of the Immune Status of Patients with Hemophilia A Associated with Hepatitis C Infection*

Chubukina Z.V., Bubnova L.N., Soldatenkov V.E., Kargin V.D.

Institute of Hematology and Transfusiology, St. Petersburg

3.9.3. *Identification of Hepatitis B Markers in Blood Donors, Medical Workers and Hemophiliacs*

Berkos M.V., Matveeva T.A., Krasnjakov V.K., Bubnova L.N.

Research Institute of Hematology and Transfusiology St. Petersburg

3.9.4. *The Problem of Reducing of the Risk of Transfusion-transmitted Infections*

Selivanov E., Danilova T., and Vorobey L.

Russian Institute Hematology and Transfusiology, St.Petersburg, Russia

3.9.5. *New Method of Leukodepletion of Red Cell Concentrates and Plasma from Stored Blood and the Problem of Transfusion-transmitted Infections*

Melnikova V., Selivanov E., Pleshakov V., Kiryanova G., Schischov N., and Volkov A.

Russian Institute Hematology and Blood Transfusion, St. Petersburg, Russia

3.9.6. *Functional Disorders Hemopoietic Microenvironment in Chronic Hepatitis C*

Rugal V., Gonchar V., Chebotkevitch V., and Kuznetsov N.

Russian Institute Hematology and Transfusiology, Medical Academy Postgraduate Study, St.Petersburg, Russia

3.9.7. *Viral Infections and Autoimmune Hemolytic Anemia*

Garanzha T.A., Jaroslavtseva N.G., Tupoleva T.A., Grumbkova L.O., Tsvetaeva N.V., Kaplanskaja I.B., Nikulina O.F., Filatov F.P.

Hematology Research Center, Russian Academy of Medical Science, Moscow, Russia

3.9.8. *Prevention of HIV Transmission through Donors Blood in Gomel Oblast*

Suetnov O.N.¹, Lavochkin V.M.¹, Eremin V.F.², Karpov I.A.³

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³Medical University, Minsk, Byelorussia

3.10. LABORATORY DIAGNOSTICS, AND CLINICAL ASPECTS OF HIV INFECTION AND RELATED DISEASES

3.10.1. *Elaboration of ELISA Test kit for the Simultaneous Detection of p24 Antigen and Antibodies to HIV 1/2*

Rayevska G.Y., Lyschenko L.P., Tereschenko M.I., Kasjanenko T.V., Pilipenko V.G.

JSC SIE «Diaproph-Med», Kyiv, Ukraine

3.10.2. *Application of Antigens of Different Origin in ELISA for Diagnostics Cytomegalovirus Infection*

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²Danylo Zabolotny Institute of microbiology and virology of National Academy of Sciences of Ukraine

- 3.10.3. Obtaining Monoclonal Antibodies Specific to HIV-1 p24 Core Antigen**
Nicolayenko I., Rayevska G., Galkin A., Kostenko I., and Lyschenko L.
JSC SIE «Diaproph -Med», A.A. Bogomolets National Medical University, Kiev, Ukraine
- 3.10.4. Revealing Specific Antibodies to Chlamydia trachomatis among Children, Blood Donors and Patients of STD Clinics**
Kasjanenko T., Rayevska G., and Ganova L.
JSC SIE «Diaproph-Med», Kyiv, Ukraine
- 3.10.5. HIV-1 and -2 Testing with EIA. Data Source: EMI Department of the Samara Railway Clinic Hospital**
Shunatova V., Ardatova L., Shirokova E., and Kochkarev A.
Kuibyshev State Railway Sanitary Inspection Center, Samara State Railway Clinic Hospital
- 3.10.6. New Content and Perspectives of Development of Quality Control Device for Enzyme Immunoassay Analyzers**
Alipov A.N., Kostrova O.B., Landay I.B., Muravnik L.M., Saffannikov I.N., Saffannikov N.M.
Technopark of ST. Petersburg Electrotechnical University
- 3.10.7. Analysis of Validity of HIV Testing – the Path to Improvement of HIV Diagnostics in Clinics**
Bulankov J.I., Bolekhan V.N., Zigalenko D.G., Orlova E.S.
Military-Medical Academy, St.Petersburg
- 3.10.8. Changes in the T-system Immunity in the HIV-infection Dynamics**
Mitin J.A., Pastushenkov V.L., Belozarov E.S., Voblikova E.J.
Military-Medical Academy, St. Petersburg
- 3.10.9. Allergic Reactions Associated with HIV-infection**
Mitin J.A., Pastushenkov V.L., Belozarov E.S., Voblikova E.J.
Military-Medical Academy, St. Petersburg
- 3.10.10. Changes in the B-system Immunity in the HIV-infection Dynamics**
Mitin J.A., Pastushenkov V.L., Belozarov E.S., Voblikova E.J.
Military-Medical Academy, St. Petersburg
- 3.10.11. Peculiarities of the Clinical Course of HIV Infection with Viral Hepatitis C Co-infection**
Milochkina J.N., Papuashvilly M.N., Korsakova J.D.
Institute of Immunology, Moscow, Russia
- 3.10.12. Effectiveness of Ag/Ab HIV Tests in Selective Testing during the Local Outbreak**
Grishkjavichus A., Lipnitskene V., Machene P., Chaplinskas S.
Lithuanian AIDS Centre, Vilnius, Lithuania
- 3.10.13. Introduction of Statistical Methods for Stability Control in the Production of Avicenna Diagnostic Kits**
Mobarkhan A.H.A., Lisok T.P., Altaisky M.V., Gamajunova V.B., Markevich N.A., Maslennikova I.I., Podosokorskaja V.V., Kuznetsova E.V.
Medical Center “Avicenna”
- 3.10.14. Development of the Forth Generation of Diagnostic Kits for the HIV Diagnostics (“HIV Ag/At-IFA-Avicenna”)**
Mobarkhan A.H.A., Burov S.V., Lisok T.P., Kuznetsova E.V., Gamajunova V.B., Markevich N.A., Maslennikova I.I., Podosokorskaja V.V.
Medical Center “Avicenna”
- 3.10.15. Clinical-immunological Peculiarities of the Course of Chronic HCV Infection in HIV Infected IDUs**
Kuznetsova A.V., Zherdeva A.I., Dubotolkina E.V.
Center for Prevention and Control of AIDS and Infectious Diseases, Khabarovsk, Russia
- 3.10.16. Combined Therapy for Treatment of Chronic HCV Infection in HIV Infected IDUs**
Kuznetsova A.V., Zherdeva A.I., Dubotolkina E.V.
Center for Prevention and Control of AIDS and Infectious Diseases, Khabarovsk, Russia

3.10.17. Morphological Rresearch of Liver Tissue during Chronic Viral Hepatitis Associated with Drug Intoxication

Radchenko V.G., Burunova E.J., Suvorova S.V.

Mechnikov Medical Academy, St. Petersburg;

Hepatitis Center, St. Petersburg, Russia

3.10.18. Modern Methods of Early Diagnostics of Chronic Viral Hepatitis

Radchenko V.G., Zinovjeva E.N., Shefer M.A.

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Hepatitis Center, St. Petersburg, Russia

3.11. MULTI-DISCIPLINARY EVALUATION RESEARCH ON PUBLIC HEALTH IMPACT AND COST EFFECTIVENESS OF HIV/AIDS INTERVENTIONS

3.11.1. Introduction: NIDA’s Multi-Disciplinary Evaluation Research On the Public Health Impact and Cost Effectiveness of HIV/AIDS Interventions

Hartsock P.I.

Center on AIDS and Other Medical Consequences of Drug Abuse, National Institute on Drug Abuse (NIDA), National Institutes of Health, Bethesda, Maryland

3.11.2. Changing Clinical and Health Policy with Modeling

Owens D.K.

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3.11.3. Costs and Benefits of Potential HIV Vaccines in the Era of Highly Active Antiretroviral Therapy

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3.11.4. The Cost Effectiveness of Improved Adherence to HAART

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3.11.5. The Cost Effectiveness of Methadone and Buprenorphine for Treatment of Injection Drug Users

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3.11.6. Model-Based Evaluations of the Costs and Benefits of HIV Counseling, Testing and Referral

Paltiel D.

Yale University School of Medicine, New Haven, Connecticut

3.11.7. A Blueprint for Evaluation of HIV Prevention Programs

Brandeau M.

Stanford University Department of Industrial Engineering and Engineering Management, Palo Alto, California

3.11.8. HIV prevention programs in Russia: Structure, Costs, and Outputs

Kahn J.

University of California, San Francisco

3.11.9. Geographically-Enhanced Mathematical Models of HIV Dynamics

Bobashev G.V.

Research Triangle Institute, North Carolina