

**10th International Conference
«AIDS, Cancer, and Related Problems»
May 26 – 31, 2002
St. Petersburg, Russia**

Conference Organizers:

Biomedical Center
Association Against HIV/AIDS
St. Petersburg State University
Research Institute of Pure Biochemicals

Supported by Fogarty International Center

Conference Chair — A. P. Kozlov

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Short Program
10th International Conference “AIDS, Cancer and Related Problems”
St. Petersburg, Russia (May 26–31, 2002)

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

26.05 Sunday	9.00-15.00 Registration 15.00-17.00 OPENING CEREMONY – BIG HALL Presentation of Awards for Leadership in the Field of HIV/AIDS Lectures of Award recipients 18.00 Banquet			
27.05 Monday		<i>Big Hall</i>	<i>Small Hall</i>	
	9.00-9.30	Vorobiev A.A. “Immunomodulation and Immunomodulators in Medicine.”		
	9.30-10.00	D. Lawrence: «Integrated Approaches to International HIV Prevention»		
	10.00-14.00	Session 1: HIV Vaccine, Molecular Virology	10.00-13.00	Session 2: Experience of Lithuanian AIDS Center in HIV/AIDS Prevention
	15.00-18.00	Session 3: Pathogenesis and Clinical Problems of HIV/AIDS. Chemotherapy	14.00-16.00	Session 4: Epidemiology of STD
			16.15-18.00	Session 5: Laboratory Diagnostics and Monitoring of HIV and Opportunistic Infections.
		18.00	PRESS CONFERENCE	
28.05 Tuesday	9.00-9.30	K. Hasumi : Cancer Vaccine: Dendritic Cell Tumor Antigen		
	9.45-13.30	Session 6: Molecular and Fundamental Aspects of Tumor Growth	9.30-13.30	Session 7: Psychological Aspects of HIV/AIDS Research and Prevention
	14.30-17.30	Session 8: Oncogenic Human Viruses	14.30-17.30	Session 9: HIV prevention in IDU and the War against Drugs
29.05 Wednesday	9.00-13.00	Session 10: Blood Transfusion and Transmission of HIV and Other Viruses	9.00-13.00	Session 11: Role of Sociology in Prevention Programs Development
	14.00-17.00	Session 12: Epidemiology of HIV Infection	14.00-17.00	Round Table: Bioethics and Law
30.05 Thursday	9.00-13.00	Session 13: Experimental and Theoretical Biology, New Technologies	9.00-13.00	Session 14: Role of Public Organizations and Projects in HIV Prevention
	14.00-17.00		14.00-17.00	Round Table “ Prophylaxis of HIV Infection”
31.05 Friday	9.00-13.00	Session 15: Tuberculosis and AIDS	9.00-13.00	
	14.00	Round Table: “Development of Multidisciplinary Language. Experience of Work of the Conference Organizing Committee” Meeting of the Association against HIV/AIDS Closing of the Conference	14.00-17.00	Workshop for the participants of the project: “Tuberculosis in Prisons”

PROGRAM
10th International Conference
“AIDS Cancer and related problems”
May 26-31, 2002, St. Petersburg

Sunday, May 26

09.00–15.00 Registration

15.00–17.00 Opening the Conference: Big Hall

Chair: A. P. Kozlov

Granting the Awards for Outstanding Contribution to Campaign against HIV/AIDS

Lectures by the Recipients of the Award

Monday, May 27

09.00 – 09.30 Big Hall

Immunomodulation and immunomodulators in medicine

Vorob'yev A.A.

Sechenov Medical Academy, Moscow

09.30 – 10.00 Big Hall

Integrated Approaches to International HIV Prevention

D. Lawrence

NIAID, USA

10.00 – 14.00 Big Hall

Session 1. HIV VACCINE AND MOLECULAR VIROLOGY

Chairpersons: *A. P. Kozlov and A. A. Vorob'yev*

Plenary session

1. Molecular epidemiology of HIV infection in Russia and other CIS countries
Verevchkin S. V., Gagarina S. Yu., Masharskiy A. E., and Kozlov A. P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
2. Cloning and analysis of full-length genomes of subtype A and CRF03-AB HIV-1 strains prevalent among intravenous drug users in the countries of the former Soviet Union
Masharskiy A. E., Yeremin V. F., Klimov N. A., Kozlov A. P.
Research Institute of Pure Biochemicals, St. Petersburg, Russia; Research Institute of Epidemiology and Microbiology, Minsk, Belarus

3. Design, technology of purification, and results of immunological testing of DNA vaccines against HIV-1
Murashev B. V., Romanovich A. E., Murasheva I. V., Pavlova M. S., Kreslavskiy T. Yu., Galach'yants Yu. P., Dorofeyeva Ye. S., Klimov N. A., and Kozlov A. P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
4. Preclinical trials of new HIV vaccines
Klimov N. A., Duhovlinova E. N., Duhovlinov I. V., Murashova I. B., Smirnova I. V., Kobatov A. I., Nikonov B. A., Kolbasov S. E., Boichenko M. N., Vorobiev A. A., Kozlov A. P.
Biomedical Center, Research Institute of Pure Biochemicals, and Research Institute of Toxicology, St. Petersburg; Sechenov Medical Academy, Moscow, Russia
5. Development of a candidate polyvalent vaccine against HIV, hepatitis B virus, and orthopoxviruses
Schelkunov S.N.
Vector Laboratories, Novosibirsk, Russia
6. Sociopsychological characteristics of and HIV prevalence in the participants of the HPTN long-term follow-up program
Shaboltas A.V., Hoffman I., Ryder R, and Kozlov A.P.
Biomedical Center, St. Petersburg, Russia; University of North Carolina, USA
7. Microbicides: novel approaches to HIV/AIDS control
Karamov E.G.
D.I. Ivanovskiy Research Institute of Virology, Moscow, Russia
8. Studies of the neutralization activity of sera of laboratory animals immunized with candidate HIV vaccines
Pavlova T.V., Kornilayeva G.V., Korobov S.V., Nikolayeva I.A., Ignat'yeva G.A., Sidorovich I.G., and Karamov E.G.
D.I. Ivanovskiy Research Institute of Virology and Institute of Immunology of the Ministry of Health of the Russian Federation, Moscow, Russia
9. Variability of the V3 antigenic epitope of gp120 in HIV-1 infected patients from nosocomial bursts in the North-Caucasus Region of the Russian Federation.
Romashkin P.A., Shemshura A.B., Saukhat S.R.J, Kobzev S.I., and Garaev M.M.
D.I. Ivanovskiy Institute of Virology, Moscow, and North-Caucasian Regional Center for Prevention of AIDS and Infectious Diseases, Rostov-on-Don, Russia
10. Replicone of VEE virus as a base for HIV vaccine
E.A. Moshkov, I.Z. Zaitsev, A.D. Ukraintsev, and V.I. Yevstigneyev
Moscow Enterprise for Manufacture of Bacterial Preparations and AOOT Biochemmash of RAO Biopreparat, Moscow, Russia
11. Production of Antibodies and vaccines in Plants and Their Use for Global Health
Fischer R.
Fraunhofer Institute for Molecular Biology and Applied Ecology, IME, Graftschaf, Institut für Biologie VII, Aachen, Germany.
12. Gag proteins of HIV-1 as therapeutic targets at the early and late stages of HIV replication
Serbin A.V., Alikhanova O.L., Burshtein M.E., and Bukrinskaya A.G.
Center for Biomodulators & Drugs Research of Health R&D Foundation and D.I. Ivanovskiy Institute of Virology, RAMS, Moscow, Russia

Poster Session

Analysis of expression of HIV-1 antigens encoded by pBMC vector-based DNA vaccines in mammalian cells in vitro

Murashev B.V., Murasheva I.V., Pavlova M.S., Kreslavskiy T. Yu., Klimov N.A., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia

- Chromatographic purification of the pBMC120(A) plasmid DNA vaccine containing the gp120 gene of a HIV-1 isolate circulating in CIS countries
Murasheva I.V., Murashev B.V., Klimov A.N., Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
- Approaches to optimization of immune responses induced in mice by DNA vaccines based on HIV-1 *env* gene
Romanovitch A.E., Murashev B.V., Kreslavski T.Yu., Pavlova M.S., Klimov N.A., and Kozlov A.P.
Biomedical Center, Research Institute of Pure Biochemicals, St. Petersburg, Russia.
- Developing a recombinant plasmid construct for simultaneous expression of HIV-1 genes *tat*, *rev*, *nef*, and *p17-p24* under CMV pre-early genes promoter in mammalian cells
Galach'yants Yu.P., Murashev B.V., Murasheva I.V., Pavlova M.S., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
- Immunological properties of DNA vaccines based on the HIV-1 *env* gene
Murashev B.V., Murasheva I.V., Kreslavskiy T.Yu., Romanovich A.E., Klimov N.A., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
- Expression of HIV-1 *nef* gene in *E. coli* and its chromatographic purification
Murasheva I.B., Murashev B.V., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
- Cloning of a fusion protein gene comprising interleukin-2 gene and a fragment of the human IgG1 heavy chain gene
Dorofeyeva Ye. S., Murashev B.V., Murasheva I.V., Pavlova M.S., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia
- A study of the stability of plasmid constructions with PAR and TRA operons in attenuated *Salmonella* strains
Dukhovlinov I.V., Dukhovlinova Ye.N., Murashev B.V., Boychenko M.N., Klimov N.A., Vorobyov A.A., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, and Sechenov Medical Academy, Moscow, Russia
- A novel cellular model for studying Aleutian mink disease
Faizuloyev Ye. B., Kaloshin A.A., Lotte V.B., and Borisenko A.S.
O.G. Andzhaparidze Research Institute of Viral Preparations, RAMS, Moscow, Russia
- Mapping of epitopes for monoclonal antibodies to recombinant HIV p24 using artificial immunogens TBI and TCI
Poryvaeva V.A., Danilyuk N.K., Karpenko L.I., Aborneva I.V., Nekrasova N.A., Bazhan S.I., and Grishaev M.P.
ZAO Vector-Best and SRC VB Vector, Koltsovo, Novosibirsk Region, Russia
- Subtyping of the gag region of HIV-1 variants circulating in the Russian Federation
Pazilin A.S., Lelikova G.I., Kirillova L.D., and Garaev M.M.
D. I. Ivanovsky Institute of Virology, Moscow, and Regional Center for Prevention of AIDS and Infectious Diseases, Lipetsk, Russia
- Characterization of Crimean-Congo hemorrhagic fever virus circulating in Russia and CIS countries
Seregin S.V., Petrova I. D., Yashina L.N., Kuzina I. I., Vyshemirski O.I., Aristova V.A., Moskvina T.M., Lvov D.K., Tiunnikov G. I., Gutorov V. V., Netesov S. V., and Petrov V. S.
Research Center of Virology and Biotechnology "Vector", Koltsovo, Novosibirsk Oblast, and D.I. Ivanovsky Institute of Virology, RAMS, Moscow, Russia
- Membranotropic activity of non-immunogenic fullerene-based structures
Petrukhina A. O., Andreev S. M., Babakhin A. A., Romanova V. S., and Andreev I. M.
NRC Institute of Immunology, Timiryazev Institute of Plant Physiology, Russian Academy of Sciences, and Nesmeyanov Institute of Elementorganic Compounds, RAS, Moscow, Russia

Codon usage-mediated inhibition of HIV-1 *Gag* expression in mammalian cells occurs independently of translation

Kofman A., Graf M., Paulus C., Deml L., Wolf H., and Wagner R.

Institute for Medical Microbiology and Hygiene, University of Regensburg, Regensburg, Germany

HIV-1 *gag* expression is quantitatively dependent on the ratio of native and optimized mRNA codons

Kofman A., Graf M., Bojak A., Deml L., Bieler K., Wolf H., and Wagner R.

Institute for Medical Microbiology and Hygiene, University of Regensburg, Regensburg, Germany

Epigenetic co-regulation of transgenes expression. Implications for gene-therapy

Kofman A., Graf M., Deml L., Kharazova A., Wolf H., Wagner R.

*Institute for Medical Microbiology and Hygiene, University of Regensburg, Regensburg, Germany, and *St. Petersburg University, Russia*

10.00 – 13.00 Small Hall

Session 2. THE EXPERIENCE OF LITHUANIAN AIDS CENTER IN HIV/AIDS PREVENTION

Chairperson: *S. A. Chaplinskas*

1. Lobbying of HIV/AIDS-related issues in Lithuania
Chaplinskas S.
Lithuanian AIDS Center
2. HIV/AIDS epidemiology in Lithuania
Likatavichus G., Chaplinskas S., and Racikene J.
Lithuanian AIDS Center
3. Mass media and HIV problem
Pyshko, G.
Lithuanian AIDS Center
4. The project “Schoolchildren against AIDS”
Stoniene L. and Chaplinskas S.
Lithuanian AIDS Center
5. The activity of Drug User Sociopsychological Rehabilitation Community in developing of a system for providing help to drug addicts in Lithuania
Levickaite K. and Gasiliauskas L.
Lithuanian AIDS Center
6. The Anonymous Counseling Room at Lithuanian AIDS Center in 1991-2001
Samitovas D., Chaplinskas S., Tryachekas A., and Griskevicius A.
Lithuanian AIDS Center

Poster Session

Radio Broadcast on HIV/AIDS, STI and Drug Use Prevention “I Have Chosen the Safe Life”

Valadka S., Chaplinskas S.,

Lithuanian AIDS Center

Long term treatment of HIV-infected drug addicts

Gasiliauskas L., Sruoga V.,

Lithuanian AIDS Center

The activity of drug user sociopsychological rehabilitation community of the Lithuanian AIDS center in drug abuse prevention

Gasiliauskas L., Sulcaite J.,

Lithuanian AIDS Center

HPV in Vilnius prostitutes

A. Griskevicius, A. Mickonas, V. Lipnickiene, S. Chaplinskas,

Lithuanian AIDS Center

The Effectiveness of Advanced Laboratory Methods for Testing Street Prostitutes for Gonorrhea

Chaplinskas S., Jarasuniene R., Griskevicius A.,
Lithuanian AIDS Center

The project “You to me vs. me to you”

Mazonaite P., Caplinskas S, and Stoniene L.
Lithuanian AIDS Center

HIV/AIDS/STD and drug abuse Prevention in collaboration with BNS news agency

Valadka S. and Chaplinskas S.
Lithuanian AIDS Center

Presentation of Klaideda Youth center «Bendraamziai»

Aksmitauskaite I.
Youth Center «Bendraamziai», Klaipeda, Lithuania

SchoolChildren Drawing and Creative Writing Competition

Stoniene L., Chaplinskas S., and Nagys Z.,
Lithuanian AIDS Center

The efficacy of Drug User Sociopsychological Rehabilitation Community of the Lithuanian Aids Center

Chaplinskas S.
Lithuanian AIDS Center

The cost-effectiveness of drug user sociopsychological rehabilitation community of the Lithuanian AIDS center

Gasiliauskas L., Dragunevicius K.,
Lithuanian AIDS Center

13.00 – 14.00 Lunch

15.00 – 18.00 Big Hall

Session 3. AIDS PATHOGENESIS AND CLINICAL PRESENTATION. CHEMOTHERAPY

Chairpersons: *M. N. Papuashvili and N. A. Khaldeyeva*

1. Novel aspects of AIDS immunology
Ketlinskiy S. A.
Research Institute of Pure Biochemicals, St. Petersburg, Russia
2. Studies of the complement system in HIV patients
Ischenko A. M, Prilurskiy A. S, Trofimov A. V, Zhakhov A. V, Maylian E. A, Lysenko K. A, Rodin S. V., Koshkareva I. N., Kalimbet N. V., and Prilurskaya O. A.
Research Institute of Pure Biochemicals, St. Petersburg, Russia, and Donetsk Medical University, Donetsk, Ukraine
3. Clinical evaluation of HIV infection in injection drug users (IDUs) in St. Petersburg.
Khaldeeva N, Volkova N, Akhtyrskaya N, Fomenkova N, Vinogradova E, and Kozlov A.
Biomedical Center and City AIDS Center, St. Petersburg, Russia
4. Sidofovir treatment for CMV infection
Papuashvili M.N. and Milochkina Yu.N.
State Research Center Institute of Immunology, Federal Administration MedBioEkstrem, the Ministry of Health of the Russian Federation, Moscow, Russia
5. *trans*-Dihydropiperidines: synthesis, stereochemistry, and activity against HIV-1
Grishina G.V., Borisenko A.A., Veselov I.S., Zefirov N.S., Karamov E.V., and Kornilayeva G.V.
Chemical Faculty, M.V. Lomonosov University and D.I. Ivanovskiy Institute of Virology, RAMS, Moscow, Russia

6. Studies of the mechanism of activity of Olipifat, an inhibitor of HIV infection *in vitro*
Karamov E.V., Kornilayeva G.V., Filov V.A., and Berkovich A.M.
D.I. Ivanovskiy Institute of Virology, RAMS, and OOO Ligpharm, Moscow, Russia
7. Analysis and prediction of the course of HIV infection in Ukraine
**Shcherbinskaya A. M., Antoniak S. N., Vovk A. D., Antonenko S. V., Kravcenko O. N.,
 and Liul'chuk M. G.**
L.V. Gromashevskiy Institute of Epidemiology and Infective Diseases, Kiev, Ukraine

Poster Session

- Blood cytotoxic lymphocytes count as an auxiliary prognostic parameter in HIV infection
Simonova A. V., Arshinova S. S., Baranova I. V., Trubcheninova L. P., and Ilyina N. I.
State Research Center Institute of Immunology of the Ministry of Health of the Russian Federation, Moscow
- Comparative characterization of the clinico-immunological status of pregnant women with chronic viral hepatitis B and C
Borzunov V. M., Pungina M. Yu., Alexandrova N. N., and Brusnitsyna V. Yu.
Ural Medical Academy, Russia
- The use of activated Transfer Factor in treatment of HIV patients
Granitov V. M., Karbysheva N. V., Sultanov L. V., McKosland K., and Oganova E.
Altay Medical University and Altay Regional AIDS Center, Russia; Campaign 4-Life Research, USA
- Renal diseases associated with HIV infection
Lazariasvili N. and Calugar, A.
Division of Infectious Disease, Department of Medicine, Vanderbilt University, Nashville USA; Doctors of the World-USA, St. Petersburg, Russia
- Manifestations of urogenital ureaplasmosis in heroin addicts
Nesterov A. S. and Potaturkina-Nesterova N. I.
Ul'yanovsk University, Ul'yanovsk, Russia
- An immunomodulator Polyoxydonium in monotherapy for HIV infection
Papuashvili M.N. and Milochkina Yu.N.
State Research Center Institute of Immunology, Federal Administration MedBioEkstrem, the Ministry of Health of the Russian Federation, Moscow, Russia
- Clinico-epidemiological characteristics of HIV-infected patients in Novgorod Region
Arhipov G.S., Pugovkin A. I., Arhipova E.I., Azovtseva O.W., Stukolkin K.O., and Yegorova K.O.
Velikiy Novgorod, Russia
- A combined method for treatment of herpetic diseases
Barinsky I.F., Alimbarova L.M., Sivak V.V., and Kasparov A.A.
D.I. Ivanovskiy Institute of Virology, RAMS, and Institute of Eye Diseases, RAMS, Moscow, Russia
- The features of local and systemic production of TNF- α , Il-1 α , Il-10, and IFN- γ in patients with ureaplasmosis complicated by herpetic genital infection and methods for therapeutic correction thereof
Sotnichenko S.A., Markelova E.V., Yutskovskaya Ya.A., and Kurleeva T.Y.
Vladivostok State Medical University and Regional Clinical AIDS Control Center, Vladivostok, Russia
- Interleukin-2 and cancer: results, problems, and expectations
Shitiakov S.V.
Novgorod Science Center of the Northwest Branch of RAMS, Velikiy Novgorod, Russia

14.00 – 16.00 Small Hall**Session 4. STD EPIDEMIOLOGY**

Chairpersons: *Ye. V. Sokolovskiy, T. S. Smirnova, and S. Aral*

1. STD in Russia
Sokolovskiy Ye. V.
Pavlov Medical University, St. Petersburg, Russia
2. Determinants of STD Transmission Dynamics
Aral S.
CDC, USA
3. Prostitution as an epidemiological factor of HIV and STD spread in St. Petersburg
Smirnova T.S., Duduko V.Yu., and Tukhtarov M.V.
Municipal STD Dispensary, St. Petersburg, Russia
4. Improving STD Care: Intervention Opportunities at the Individual, Provider, and Health System Levels
St. Lawrence J.
CDC, USA

Poster session

New approaches to “old problems”

Smirnova T.S., Dudko V.Yu., and Tukhtarov M.V.
Municipal STD Dispensary, St. Petersburg

The significance of STD prevention and treatment in prediction of perinatal complications

Demidenko, G.M., Demakov A.B., and Petrova T.L.
Municipal Hospital No 5, Cheboksary, Chuvashia Republic, Russian Federation

The incidence of detection of STD pathogens in HIV-infected pregnant women and in children born to them

Voroshilina Ye. S., Anisimov K.Yu., Otinova Zh.N., and Asheptukha N.V.
Ural Medical Academy, Yekaterinburg, Russia

16.15 – 18.00 Small Hall**Session 5. LABORATORY DIAGNOSTICS AND MONITORING OF HIV INFECTION AND ASSOCIATED DISEASES**

Chairpersons: *M. S. Vorob'yeva, I. G. Sidorovich, and S. V. Verevchkin*

1. Reference standards for quality control of preparations for diagnostics of viral diseases
Vorob'yeva M. S.
L.A. Tarasevich Institute of Standards, Moscow
2. Reference standards in HIV diagnostics
Lisok, T.P., Mobarkhan A.H.A., Burov S.V., Kuznetsova Ye.V., and Maslennikova I.I.
Medical Center Avicenna, Moscow and St. Petersburg, Russia
3. Development of the national panel of sera for quality control of diagnostic ELISA and immunoblot test systems for detection of antibodies to HIV-1/2
Yeremin V.F., Kostikova L.I., Gasich, Ye.L., Duboyskaya G.P., Blashkevich N.V., Skripko S.M., Serookaya T.I., and Vasilevskaya A.Ye.
Research Institute of Epidemiology and Microbiology and AIDS Control Center of the Ministry of Health of Belarus, Minsk, Belarus

4. Improving quality control of HIV diagnostics by test system using antigen interactions with antibodies
Shevelev B.I., Olshanskaya A.Ya., Mobarkhan A.H.A., and Mazus A.I.
Moscow City AIDS Center and Medical Center Avicenna, Moscow, Russia
5. Generation of a recombinant HVC RNA and its use as a PCR standard
Moshkov Ye. A., Zaitsev I.Z., and Moshkov A.Ye.
Federal Enterprise "Moscow Plant for Production of Bacterial Preparation", Moscow, Russia
6. Development of a highly sensitive technology for diagnostics and genotyping of HIV and hepatitis C virus using hybridization analysis
Zarytova V.F., Pyshnaya I.A., Pyshnyi D.V, Ivanova E.M., Levina A.S., Skobeltsyna L.M., Dymshits G.M., Gashnikova N.A., and Pokrovskiy A.G.
Novosibirsk Institute of Bioorganic Chemistry and Institute of Cytology and Genetics of the Siberian Branch of Russian Academy of Sciences, Novosibirsk; Institute of Molecular Biology, State Research Center of Virology and Biotechnology "Vector", Koltsovo, Russia

Poster session

Standardization of ELISA results in Chlamydia serodiagnostics

Manzeniuk, I.N., Vorob'yeva M.S., Khaydukova I.L., Malakhov, V.N., Fedosov S.A., and Losev, M.V.
Tarasevich Institute of Standards, Center for External Quality Control, and ZAO Mediko-Biologicheskii Soyuz, Moscow, Russia

Specific reactivity of sera in immunoblotting for native HIV-1 proteins

Ryshova T.A., Yeregin V.F., Verevchkin S.V., Gasich Ye. L., Klimov N.A., Titiv L.P., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, Russia; Research Institute of Epidemiology and Microbiology, Minsk, Belarus

Problems in HIV diagnostics

Mobarkhan A.H.A. and T.P. Lisok
Medical Center Avicenna, Moscow and St. Petersburg, Russia

Approaches to developing of an ELISA test system for detection of the core p24 antigen of HIV-1

Chekanova T.A., Blinova T.V., Burkov A.N., and Khramtsov, A.V.
NPO Diagnostic Systems, Nizhniy Novgorod, and ZAO Sorbent-Service, Moscow, Russia

The problem of false-positive results in screening of sera of pregnant women for hepatitis C

Yastrebova O.N., Krinitsyna E.V., Chubakova G.Z., and Cherepanova N.S.,
Vector-Best, Koltsovo, Novosibirsk Region, Russia

A comparative evaluation of ELISA kits produced by OOO Avicenna for hepatitis C diagnostics

Lisok T.P., Burov S.V., Mobarkhan A.H.A., Kusnetsova Ye. B., Maslennikova I.I., Talibyan A., Amini F, and Mohammadi, M.
Medical Center Avicenna, Moscow and St. Petersburg, Russia; Blood Center, Teheran, Iran

The current state of arts in the problem of sera that produce uncertain results in immunoblotting for HIV-1 during large scale screening

Trubcheninova L.P., Trefil'yeva N.F., Baranova I.V., Ischenko M.Ye., Andreyev S.M., Gorbunova Z.A., Ol'shanskiy A.Ya., and Ilyina N.I.
State Research Center Institute of Immunology and Moscow City Center for AIDS Control, Moscow

The first Russian ELISA test kit for the simultaneous detection of IgA and IgG to *Chlamydia trachomatis*

Fedosov S.A., Nadtochiy O., Losev V.I., Vorob'yeva M.S., and Manzeniuk I.N
ZAO Mediko-Biologicheskii Soyuz and Tarasevich Institute of Standards, Moscow, Russia

The use of home antigen control in antigen-antibody test kits for HIV serodiagnostics

Shevelev B.I., Ol'shanskiy A.Ya., Gukasian I.A., Tarasenko O.A., Mobarkhan A.H.A., and Mazus A.I.
Moscow City Center for AIDS Control, Blood Transfusion Station, and Medical Center Avicenna, Moscow

Enhancing the efficacy of p24 antigen detection in blood sera at early stages of seroconversion in HIV patients

Shevelev B. I., Ol'shanskiy, A. Ya., Mobarhan A. H. A. and Mazus A. I.

Moscow City Center for AIDS Control, and Medical Center Avicenna, Moscow

18.00 Small Hall

Press conference

Tuesday, May 28

9.00 – 9.30 Big Hall

Plenary lecture:

Cancer vaccine: dendritic cell tumor antigen

Hasumi K.

Hasumi Fund, Japan

9.45 – 13.30 Big Hall

Session 6. MOLECULAR AND BASIC ASPECTS OF TUMOR GROWTH

Chairpersons: *A. V. Itkes, A. P. Perevozchikov*

1. Discovery of Newly Evolved Sequences With Tumor-Specific Expression in Human Genome
Krukovskaja L.L., Baranova A.V., Polev D.E., Ivanov I.A., Yankovsky N.K., and Kozlov A.P.
Biomedical Center and Research Institute of Pure Biochemicals, St. Petersburg, and Vavilov Institute of General Genetics, Moscow, Russia
2. A possible role of translation polyvariation in gene evolution
Inge-Vechtomov S. G.
St. Petersburg University, St. Petersburg, Russia
3. The confirmation of the reproductive phase of human papillomavirus infection in early diagnosis of cervical cancer
Selkov S. A., Vedeneva G. N., Donchenko L. M., Kuzmina S. A., Baskakova I. A., and Lisyanskaya A. S.
D. O. Ott Institute of Obstetrics and Gynecology, Russian Academy of Medical Sciences, St. Petersburg, Russia
4. Study of novel (GCC)_n-binding transcription factors isolated from human cells
Kuteikin-Tepliakov K. B., Orlov S. V., Dizhe E. B., Mirgorodskaya O. A., and Perevozchikov A. P.
Institute of Experimental Medicine, RAMS, and Institute of Cytology, RAS, St. Petersburg, Russia
5. A study of human carcinomas of different localization and their metastasis with the 1F3-2D4 monoclonal antibody
Bobrova T. S., Morozov V. A., Zordania K.I., and Chuev Y.V.
Blokhin Cancer Research Center, RAMS, Moscow, Russia

6. The expression of a tumor marker p16^{INK4a} in dysplastic epithelium and carcinomas of the *cervix uteri*
Zavalishina L. E., Volgareva G. M., Frank F.A., Andreyeva Yu.Yu., Petrov A.N., Mazyrenko N.N., Savinova Ye. B., Peskov D.Yu., Golovina L.A., Bliyev A.Yu., and Spitkovskiy D.D.
N. N. Blokhin Cancer Research Center, RAMS, Moscow; P.A. Gertsen Cancer Research Institute of the Ministry of Health of the Russian Federation, Moscow; Central Hospital of Medical Center of President Administration, Moscow, Russia; Institute of Physiology, Cologne University, Cologne, Germany
7. Integration of genome of the type D Mason-Pfizer retrovirus into human chromosomes
Itkes A. V., Vaedanmagcar Bolormaa, Yu. Kzhishkovska G., Ostashkin A. S., Ilyin K. V., Myandina G. I., Pygai P. E., and Lebedev Yu. B.
Peoples Friendship University, Institute of Cancerogenesis, N. N. Blokhin Oncology Science Center, RAMS, and M. M. Shemyakin and Yu. A. Ovchinnikov Institute of Bioorganic Chemistry, RAS, Moscow
8. Benz(a)pyrene induction of subcutaneous sarcomas in FVB/N mice
Anikin I.V., Kozlov A.P., Popov A.V., Zabezhinskiy M.A., and Anisimov V.N.
N. N. Petrov Research Institute of Oncology and Biomedical Center, St. Petersburg, Russia
9. Prevalences of different types of human papilloma viruses in papillomatosis and squamous cell cancer of the larynx
Lisitsyn F.V., Zavalishina L.E., Manykin A.A., and Yefremova Ye. B.
D.I. Ivanovskiy Research Institute of Virology, RAMS, P.A. Gertsen Cancer Research Institute, and Central Hospital of Medical Center of President Administration, Moscow, Russia
10. Lymphoid lesions of organs and tissues of patients with indolent T-cell lymphomas
Seriakov A.P., Sidorovich G.I., Kuchma Yu.M., Glukhova S.I., and Rukavitsyn O.A.
N.N. Burdenko Military Hospital, Moscow, Russia
11. Morphogenesis and molecular mechanism of transformation of cell nuclei in chronic herpetic encephalitis (CHE) and glioblastoma multiforme associated with Herpes simplex virus (HSV).
Khmara M.E., Nedzvedz M.K., Nedzvedz A.M., Sheleg S.V., Kulchkovskaya I.V., and Petrovich G.E.
Research Institute of Epidemiology and Microbiology, Minsk, Belarus
12. Molecular-biological characteristics of env-MMTV-related sequences as markers for spontaneous human mammary carcinoma
Lushnikova A.A., Makhov P.B., Kryukova I.N., Polevaya Ye.B., Denisova A.A., Kormosh N.G., and Laktionov K.P.
N. N. Blokhin Cancer Research Center, RAMS, Moscow.
13. Adaptive immunotherapy for malignant tumors
Kiselevskiy M.V.
N.N. Blokhin Cancer Research Center, RAMS, Moscow

Poster session

Determination of oncological marker levels by ELISA in high risk groups

Ardatova L.V., Greiskop I.A., and Kochkarev A.V.
Railroad Hospital, Samara, Russia

Mechanisms of plasmid DNA delivery into mammalian cells within complexes with the basic region of TAT protein

Ignatovich I. A., Dizhe E. B., Pavlotskaya A. B., Burov S. V., Orlov S. V., and Perevozchikov A. P.
Institute of Experimental Medicine, RAMS; St. Petersburg University; Institute of High Molecular Compounds, RAS, St. Petersburg, Russia

On the etiopathogenesis of ovary cancer

Antoneyeva I.I., Nasyrov P.A., and Elinidi, V.N.
Ul'yanovsk Regional Oncological Dispensary, Ul'yanovsk, and Research Institute of Children Infections, St. Petersburg, Russia

Viruses in tumor induction in patients with HIV infection

Belozеров Ye. S. and Antoneyeva I.I.

Military Medical Academy, St. Petersburg; Ul'yanovsk Regional Oncological Dispensary, Ul'yanovsk, Russia

Antitumor influence and toxicity of coordination platinum compounds and superfine platinum powder

Boev S. and V. Plotnikov

Central Research Laboratory of Siberian Medical University, Institute of High Voltage, and Tomsk Research Center, Tomsk, Russia

Analysis of human papilloma viruses by *in situ* hybridization: comparison of two test kits

Zavalishina L. E., Itkes A. V., Avakian E. A., and Frank G. A.

Gertzen Cancer Research Institute, Peoples Friendship University, and Cardiological Research Center, Moscow, Russia

A study of the cytotoxic effect of carcinogenic compounds *in vivo* using the model of transplantable mice hepatomas with different expression of CYP2A5 isoforms

Kulikova L.N.

Cancer Research Center, RAMS, Moscow, Russia

Immune deficiency of patients with indolent T-cell lymphomas

Seriakov A.P., Sidorovich G.I., Kuchma Yu.M., Glukhova S.I., and Rukavitsyn O.A.

N.N. Burdenko Military Hospital, Moscow, Russia

The influence of viral vaccines on cell cytomorphology of inoculated tumors

Urazova L. N., Vidyaeva I. G., and Kuznetsova T. I.

Cancer Research Institute of the Russian Academy of Medical Sciences, Tomsk, Russia

Cancer prevalence in Ul'yanovsk Oblast

Antoneyeva I.I.

Ul'yanovsk Regional Oncological Dispensary, Ul'yanovsk, Russia

9.30 – 13.30 Small Hall

Session 7. PSYCHOLOGICAL ASPECTS OF HIV/AIDS RESEARCH AND PREVENTION

Chairpersons: A. A. Krylov and L. A. Tsvetkova

Plenary session

1. Behavioral anomalies and HIV infection

Tsvetkova L. A. and Lyskov B. D.

Psychological Faculty, St. Petersburg University, St. Petersburg, Russia

2. The social and organizational aspects of the primary, secondary, and tertiary prevention of HIV infection and associated diseases

Yakovleva, A. A.

Psychological Faculty, St. Petersburg University, and Institute of Sociology, RAS, St. Petersburg, Russia

3. Psychological counseling as a means of individual prevention of HIV infection

Shaboltas, A. V.

Psychological Faculty, St. Petersburg University, and Biomedical Center, St. Petersburg, Russia

4. Social-psychological problems of rendering medical care to HIV-infected heroin patients

Doljanskaya N. A., Buzina T. S, Pavlovskaya N. I.

Research Institute on Addictions, Russian Ministry of Health, Moscow

5. Psychological problems of aggressive behavior

Kurbatova T. N.

Psychological Faculty, St. Petersburg University, St. Petersburg, Russia

6. Problems of child abuse, social orphanage, and neglect and the association thereof with risky behavior of children and adolescents
Bogoliubova O. N.
Psychological Faculty, St. Petersburg University, St. Petersburg, Russia
7. The sociopsychological approach to HIV prevention
Gurvich I. N.
Psychological Faculty, St. Petersburg University, and Institute of Sociology, RAS, St. Petersburg, Russia
8. Peculiarities of perception by HIV-infected subjects of themselves and their disease
Gorbatov S. V.
Psychological Faculty, St. Petersburg University, St. Petersburg, Russia
9. Drug addiction in young people as a risk factor of HIV spread in subculture communities
Rusakova M. M.
Institute of Sociology, RAS, St. Petersburg, Russia
10. Sport psychology in prevention of drug addiction
Safonov V. K.
Psychological Faculty, St. Petersburg University, St. Petersburg, Russia
11. An experience in training of psychologists specializing in prevention of deviant behavior
Granskaya Yu. V.
Psychological Faculty, St. Petersburg University, and Biomedical Center, St. Petersburg, Russia
12. Escapism: a disease of the new generation
Yanicheva T. G.
Department of Social Psychology, Psychological Faculty, St. Petersburg University, St. Petersburg, Russia

Discussion

The primary prevention of psychoactive drug abuse and HIV infection among children, adolescents, and young people in Petrogradskiy District of St. Petersburg

Lelikov I. V. and Kovler D. S.

Petrogradskiy Department of Drug and Alcohol Abuse and HIV Prevention, St. Petersburg, Russia

13.30 – 14.30 Lunch

14.30 – 17.30 Big Hall

Session 8. HUMAN ONCOGENIC VIRUSES

Chairpersons: *V. E. Gurtsevich and N. Muller-Lantzsch*

Plenary session

1. Oncogenic viruses and their markers in diagnostics and monitoring of human malignancies
Gurtsevitch, V. E.
N.N. Blokhin Cancer Research Center, RAMS, Moscow, Russia
2. Characterisation of NP9 (a 9 kDa nuclear protein) of the human endogenous retrovirus K (HERV-K)
Armbruester V., Hahn S., Nty A., Sauter M., Krautkraemer E., Kleiman A., Best B., Roemer K. and Mueller-Lantzsch N.
Institute for Medical Microbiology and Hygiene, Department of Virology, University of the Saarland Medical School, Homburg, Gemany, and Blokhin Cancer Research Center, RAMS, Moscow, Russia

3. Clinical and molecular epidemiology of human type 8 herpesviruses (HHV-8) and related monkey rhadinoviruses
Lacoste V. and Gessain A.
Pasteur Institute, Paris, France
4. HHV-8 interaction with the cellular interferon system
Neipel F.
Institute of Clinical and Molecular Virology, Erlangen-Nurnberg University, Germany
5. The expressive and non-expressive EBV LMP-1 gene variants isolated from tumor tissue of EBV-associated malignancies
Pavlish O. A., Grasser F., Scherbak L. N., Goncharova E. V., Hahn P., Belousova N. V., Klimenkov A. A., Mueller-Lantzsch N., Takada K., and Gurtsevitch V. E.
N. N. Blokhin Cancer Research Center, Moscow, Russia; Virology Institute, Homburg/Saar, Germany; Department of Tumor Virology, Hokkaido University, Sapporo, Japan.
6. EBV-related lymphoepithelial carcinomas of the salivary gland origin
Saku T.
Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan
7. The molecular basis of clonality and progression of cervical cancer
Mazurenko N.N, Belyakov I. S., Bliyev A. Yu., Vinokourova S. V., and Bidzhiyeva B.
N.N. Blokhin Cancer Research Center, Moscow, Russia, and Department of Molecular Pathology, Heidelberg University, Germany
8. Immune response to HTLV-I
Taylor G. P.
Imperial College, London
9. A spectrum of HTLV-1 related sequences detected in virus bearers
Morozov V.A., Syrtsev A.V., and Bovykin A.S.
N. N. Blokhin Cancer Research Center, RAMS, Moscow, Russia.
10. The majority of HIV-1 positive cells in vivo are multiply infected allowing recombination to contribute massively to sequence complexity
Jung, A., Maier R., Vartanian J. P., Bocharov G., Jung V., Fischer U., Meese E., Wain-Hobson S., and Meyerhans A.
Departments of Virology and Human Genetics, University of Saarland, Homburg, Germany; Dept. of Molecular Retrovirology, Pasteur Institute, Paris, France; Institute of Numerical Mathematics, Russian Academy of Sciences, Moscow

Poster session

- The use of PCR and *in situ* hybridization in cytological investigations of vaginal wall scrapes and the transformation zone of the *cervix uteri/canalis cervicis* area
Yakovleva V.A., Zavalishina L. E., Manykin A. A., Samsonova M. V., and Shapiro N. A.
Central Hospital of the Ministry of Communications, D.I. Ivanovskiy Institute of Virology, Institute of Pulmonology, and Institute of Oncology, Moscow; Medical and Sanitary Unit No 170, Korolev, Moscow Oblast, Russia
- Antisense inhibition of HTLV-1 replication in HTLV-1 transformed monolayer cell culture
Bratslavska O., Ivanova K., Borisenko A., Kotous E., and Murovska M.
O.G. Andzhaparidze Research Institute of Viral Preparations, RAMS, Moscow, Russia
- Genetic variability of human herpesvirus 8 in Russia
Kadyrova E., Lacoste V., Gessain A., and Gurtsevitch V.
N. N. Blokhin Cancer Research Center, Russia, and Pasteur Institute, France

HERV-K/HTDV in testicular germ cell tumors and normal tissues of the testis: virus expression, antibody response and correlation with clinical manifestations of the disease

Kleiman A., Senyuta N., Trjakin A., Vinogradova T., Karseladze A., Sauter M., Tjuljandin S., Muller-Lanzch N. and Gurtsevitch V.

N.N. Blokhin Cancer Research Center, RAMS, and Shemyakin-Ovchinnikov Institute of Bio-Organic Chemistry, RAS, Moscow, Russia; Medical Microbiology and Hygiene, Department of Virology, Homburg/Saar, Germany

Reduction of replication of human Type 1 T-cell leukemia virus by viral transactivator “traps” in cell cultures

Kotus Ye. V., Kaloshin A. A., and Borisenko A. S.

O.G. Andzhaparidze Research Institute of Viral Preparations, RAMS, Moscow, Russia

Human foamy virus sequences detected in biological fluids

Morozov V. A., Bavykin A. S., Oranskaya A. N., Lagaye S., and Stroganova A. M.

N. N. Blokhin Cancer Research Center RAMS, Moscow, Russia; St. Vincent-de-Paul Hospital, Paris, France

Differential expression of certain biomarkers in BCBL cells

Kadyrova Ye.L., Lukashina M.I., and Gurtsevich V.E.

N.N. Blokhin Cancer Research Center, RAMS, Moscow, Russia

14.30 – 17.30 Small Hall

Session 9. HIV PREVENTION IN DRUG USERS AND THE WAR AGAINST DRUGS

Chairpersons: *A. P. Kozlov and P. Hartsock*

1. Harm reduction for injecting drug users: medical necessity and civil rights
Heimer R., and Shabolts A.V.
Department of Epidemiology and Public Health, Yale University School of Medicine, USA, and St. Petersburg University, Russia
2. Harm reduction programs world over and in Russia
Bobrik A.
Institute Open Society/Soros Foundation, Moscow, Russia
3. Prevention of drug addiction: illusions and reality
Skripkov, A.P.
Medical Department, City Administration of Home Affairs, St. Petersburg, Russia
4. Current problems of drug-related policy in Russia
Zazulin G.V.
“European Cities against Drugs” Foundation, St. Petersburg, Russia

Discussion

Fundamental reasons of irresolvable contradictions

Kozlov A. P.

Biomedical Center, St. Petersburg, Russia

Poster session

Evaluation of the risk of infectious diseases associated with intravenous drug use in different groups of young people in Yekaterinburg

Bogdanov S. I., Khalidova M. V., Dontsov G. I., Degtiar Ye. S., and Pavlovskaya G. P.

Yekaterinburg, Russia

A combined approach to prevention of drug use in the penal system

Parashchenko A. F. and Baryl'nik Yu. B.

Municipal Psychiatric Hospital, Saratov, Russia

The efficiency of HIV prevention among IDUs in Mirnyi District of Yakutia

Filatov A. N. and Sukharevskiy D. V.

Mirnyi Office of Yakutian AIDS Center, Mirnyi, Yakutia, Russia

The development of HIV epidemic among injection drug users in Sverdlovsk Oblast

Fedotova T. T., Zemerov V. B., Yefimova O. S., and Alekseyeva G. A.

Center for HIV/AIDS Control in Sverdlovsk Oblast, Yekaterinburg, Russia

Wednesday, May 29

9.00 – 13.00 Big Hall

Session 10. BLOOD TRANSFUSION AND TRANSMISSION OF HIV AND OTHER VIRUSES

Chairpersons: *Ye. A. Selivanova and V. N. Chebotkevich*

1. Restricting the use of allogenic blood is a way to increase the infectious safety of blood transfusion
Litmanovich, K.Yu., Soldatenkov K.Yu., and Selivanov Ye. A.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia
2. The prevalence of antibodies hepatitis C virus among donors and patients of Research Institute of Hematology and Blood Transfusion
Bubnova L.N., Beroks M.V., and Matveyeva T.A.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia
3. Development of a technology for parallel testing of donor blood for HIV, HVB, and HVC using ELISA and for NAT using a mini-pool technique
Cherkasov Ye. G., Yolov A.A., Sushchenko I.B., and Fedorov N.A.
Blood Transfusion Station of FU Medbioekstrem, the Ministry of Health of the Russian Federation, and Central Research Institute of Transfusion Medicine and Medical Technology, Moscow, Russia
4. RT-PCR for 16S rRNA of *Treponema pallidum* in blood samples found seropositive for syphilis
Fedorov Ye. N., Petukhova I.I., Loseva O.K., Cherkasov Ye.G., Yolov A.A., and Fedorov N.A.
Central Research Institute of Transfusion Medicine and Medical Technology; Blood Transfusion Station of FU Medbioekstrem, the Ministry of Health of the Russian Federation, and Central Research Institute of Skin and Venereal Diseases, Moscow, Russia
5. Blood transfusion-caused viral hepatitis in hemophilic patients
Garezina O. V., Gonchar V. A., and Kaitadjan, Ye. I.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia
6. The risk of the parenteral transmission of human cytomegalovirus in immunodepressed onco-hematological patients
Chebotkevich, V. N., Volkov A. V., Kaitadjan, Ye. I., Moiseyev S.I., and Abdulkadyrov K.M.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia
7. Blood leukofiltration as a means for prevention of viral infections resulting from blood transfusion
Melnikova V. N., Pleshakov V. N., Chebotkevich V. N., and Selivanov Ye. A.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia
8. The possibility of persistence of viruses in bone marrow stromal cells
Rugal V. I., Kravets V. N., Ponomarenko V. M., Kuznetsov N. I., Gonchar V. A., Volkov A. V., and Chebotkevich V. N.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia

9. Characteristics of cytomegalovirus infection in immunodepressed onco-hematological patients
Gonchar V. A., Volkova S. D., Volkov A. V., Chebotkevich V. N., and Abdulkadyrov K. M.
Research Institute of Hematology and Blood Transfusion, St. Petersburg, Russia
10. Blood safety in different categories of blood donors
Baranova O. V., Vecherko A. V., Kayumova L. I., Zhiburt E. B., and Sidorkevich S. V.
Medical Military Academy, St. Petersburg, Russia

Poster session

EBV markers in patients with blood diseases

Garanzha T. A., Yaroslavtseva N. G., Somova A. V., Grumbkova L. O., and Filatov F. P.
Hematological Research Center, Russian Academy of Medical Science, Moscow, Russia

Low concentration of HBV DNA in blood plasma of HBsAg-negative donors and patients of hematological research center

Yaroslavtseva N. G., Garanzha T. A., Bagryantseva S. J., Gulyaeva A. A., Ovchinnikova E. N., Somova A. V., Grumbkova L. O., Golosova T. V., and Filatov F. P.
Hematological Research Center, Russian Academy of Medical Science, Moscow, Russia

9.00 – 13.00 Small Hall

Session 11. THE ROLE OF SOCIOLOGY IN DEVELOPMENT OF PREVENTIVE PROGRAMS

Chairpersons: *N.G. Skvortsov and N.V.Sokolov*

Strategies and priorities of sociology with regard to HIV epidemic in Russia

Skvortsov N. G. and Sokolov N. V.
Sociological Faculty, St. Petersburg University, and Biomedical Center, St. Petersburg, Russia

Plenary session

1. Sociology of HIV epidemic and the increasing inadequacy of risk perception in St. Petersburg
Sokolov N. V.
Sociological Faculty, St. Petersburg University, St. Petersburg, Russia
2. The sociological portrait of the participants of the 9th International Conference “AIDS, Cancer, and Related Problems”
Kozlova O. S., Damberg S. V., and Sokolov N. V.
Biomedical Center and Sociological Faculty, St. Petersburg University, St. Petersburg, Russia
3. Issues of the sociopsychological care for HIV-infected subject
Borodkina O. I.
Sociological Faculty, St. Petersburg University, and Biomedical Center, St. Petersburg, Russia
4. PR-campaigns for prevention of behaviors that increase the risk of HIV infection: the problem of their cost-effect evaluation
Gavra D. P.
Sociological Faculty, St. Petersburg University, St. Petersburg, Russia
5. Risk perception and the safety of everyday behavior
Damberg S. V.
Sociological Faculty, St. Petersburg University, St. Petersburg, Russia
6. Physical health and poverty: functional interactions or social segregation?
Serbina S. N. and Sokolov N. V.
Sociological Faculty, St. Petersburg University, St. Petersburg, Russia

Discussion

Social and behavioral characteristics of subjects that have passed anonymous testing for HIV

Vinogradova Ye. N., Davydova A. A., Mebel B. D., Morozova N. A., and Shchegay L. P.
St. Petersburg Center for Control of AIDS and Infectious Diseases, St. Petersburg, Russia

Adolescent milieu as a HIV risk factor

Baranova M. V., Girchenko P. V., and Borodkina O. I.
Sociological Faculty, St. Petersburg University, and Biomedical Center, St. Petersburg, Russia

Sociological diagnostics of HIV/AIDS and drug addiction

Shapiro A. B.
Regional AIDS Center and Perm Medical Academy, Perm, Russia

Aspects of education and information in HIV prevention

Borodkina O. I. and Shevtsova Ye.
Sociological Faculty St. Petersburg University, St. Petersburg, Russia

An analysis of the results of questioning of school teachers on HIV/AIDS and illicit drug use in Mirninskiy District of Yakutia

Kozhevnikov A. A., Filatov A. N., and Sukharskiy D. V.
Mirnyi Office of Yakutian AIDS Center, Mirnyi, Yakutia, Russia

14.00 – 17.00 Big Hall**Session 12. HIV EPIDEMIOLOGY**

Chairpersons: *G. V. Volkova and K. Nelson*

1. The course of HIV epidemic in St. Petersburg and in Russia and organization of preventive measures
Volkova G. V., Stepanova G. S., and Kutasova T. B.
St. Petersburg Sanitary and Epidemiological Surveillance Center, St. Petersburg, Russia
2. The epidemiology of hepatitis C Virus (HCV) and HIV infection among illicit drug users in Northern Thailand
Nelson K. E.
Johns Hopkins University, USA
3. The course of HIV epidemic in Leningradskaya Oblast
Podlevskiy A. F., and Titova N. M.
Center for AIDS Control in Leningradskaya Oblast, St. Petersburg, Russia
4. The molecular and immunological profile of current HIV-1 epidemic in Russia.
Apryatina S. A., Nikolaeva I. A., Ruban S. V., Vazykhova F. G., Zhaporozhko L. V., Mamchik T. A., and Sidorovitch I. G.
Institute of Immunology, the Ministry of Health of the Russian Federation, Moscow, Regional AIDS Center, Murmansk, and Regional AIDS Center, Voronezh, Russia
5. The course of HIV epidemic in Belarus
Meleshko L. A., Yerechin V. F., Zhdanovskaya O. M., and Gasich Ye. L.
Republican Center for AIDS Control and Research Institute of Epidemiology and Microbiology, Minsk, Belarus
6. HIV prevalence among drug and alcohol abusers in Leningradskaya Oblast
Krupitskiy Ye. M., Karandashova G. F., Burakova G. N., Slavina T. Yu., Titova N. M., Grinenko A. Ya., Zvartau E. E., and Samet J.
St. Petersburg Regional Research Center of Drugs and Psychopharmacology at I. P. Pavlov St. Petersburg Medical University and Narcological Dispensary of Leningradskaya Oblast, Russia; Medical Center of Boston University, USA

7. Detection rate of HIV and HIV-associated infections as a parameter of the epidemiological situation in Moscow

Godkov M. A., Ivanina T. A., and Yevteyeva Ye. A.

N. V. Sklifosovskiy Research Institute of Emergency Medicine, Moscow, Russia

Poster session

- Studies of the sexual transmission of HIV from men to women in Thailand

Nelson K., Robinson V., Suriyanon V., Duerr A., Tovanabutra S., and Promadej N.

Johns Hopkins University, Baltimore MD, USA; CDC, Atlanta, GA, USA; and Chiang Mai, Thailand

- The main directions of development of the existing epidemiological surveillance for HIV in Perm Oblast under conditions of a drug-dependent HIV epidemic

Ostapovich A. V., Hafizov K. M., Luzin P. M., Feldblum I. V., Sokolov V. V., and Devyatkov M. U.

Regional AIDS Center, Perm State Medical Academy, Regional Drug Prevention Center, and Center of Sanitary and Epidemiological Surveillance in Perm Region, Perm, Russia

- Correlation of prevalences of drug addiction and HIV infection in Yakutia.

Chakhova N. D., Protodyakonov A. P., Katyshevtseva P. A., and Chernyavsky V. F.

Center of State Epidemiological Inspection in Sakha (Yakutia) Republic, Narcological Clinic, Yakutsk, Russia

- Periodicity and seasonality of HIV, HVB, and HVC detection rates revealed by a long-term monitoring

Godkov M. A. and Trifonov S. I.

N. V. Sklifosovskiy Research Institute of Emergency Medicine, Moscow, Russia

- The significance of the anonymous laboratory testing

Godkov M. A., Zernova Ye. V., and Bazhenov A. I.

N. V. Sklifosovskiy Research Institute of Emergency Medicine, Moscow, Russia

- Optimization of screening of the population of Mirninskiy District (Yakutia) for HIV (2000-2001)

Kozhevnikov A. A., Filatov A. N., and Sukharskiy D. V.

Mirnyi Office of Yakutian AIDS Center, Mirnyi, Yakutia, the Russian Federation

- Some trends of HIV epidemic in Svetlogorsk

Suyetnov O. N., Paduto D. S., Yeregin V. A., and Karpov I. A.

Gomel Regional Center for AIDS Prevention, Gomel, Research Institute of Epidemiology and Microbiology and Medical University, Minsk, Belarus

- The prevalence of monitored infections among HIV-infected subjects in the Svetlogorsk HIV focus

Suyetnov O. N., Paduto D. S., Yeregin V. A., and Karpov I. A.

Gomel Regional Center for AIDS Prevention, Gomel, and Research Institute of Epidemiology and Microbiology and Medical University, Minsk, Belarus

- HIV epidemic in Sakha Republic (Yakutia)

Platonova I. S., Kozhevnikova A. A., and Filippova L. G.

Yakutian Center for AIDS Control, the Ministry of Health of Sakha Republic (Yakutia), Yakutsk, the Russian Federation

- HIV infection in Belarus: its reality and trends

Rytik P. G., Zhadanovskaya O. M., Kostikova L. I., Meleshko L. A., Abayev A. Yu., Mistriukova L. O., and Silant'yeva O. V.

Research Institute of Epidemiology and Microbiology and Center for AIDS Control, Minsk, Belarus

- Relative stabilization of HIV epidemic in Mirniskiy District of Yakutia

Filatov A. N., Sugharskiy D. V., and Kozhevnikov A. A.

Mirnyi Office of Yakutian Center for AIDS Control, Mirnyi, Yakutia, the Russian Federation

14.00-17.00 Small Hall**Round table discussion: BIOETHICS AND LAW**

Chairperson: *I. A. Gorlinskiy*

The experience of operation of a local ethical committee (IRB) exemplified by programs of HIV/AIDS prevention

Gorlinskiy I. A. and Dizhe G. P.

St. Petersburg University, St. Petersburg, Russia

Cancer and AIDS from the bioethical standpoint

Mamontova T. B.

Faculty of Philosophy, St. Petersburg University, St. Petersburg, Russia

Ethical and legal aspects of the euthanasia problem

Ketova T. N.

Development of infrastructure and training of specialists for preventive interventions in risk groups

Dizhe G. P. and Kozlova O. S.

St. Petersburg University and Biomedical Center, St. Petersburg, Russia

Thursday, May 30

9.00-13.00 Big Hall**Session 13. EXPERIMENTAL AND THEORETICAL BIOLOGY AND NEW TECHNOLOGIES**

Chairpersons: *V. I. Yevtushenko and A. G. Golubev*

1. The use of the “virtual RNA” technique in studies of gene expression

Yevtushenko V. I.

Research Institute of Radio-Roentgenology, St. Petersburg, Russia

2. DNA sequencing data interpretation as a function of core facility staff and how it benefits investigators

D. Bartley, R. Ingersoll, and D. Persaud

John Hopkins University, USA

3. Simulation modelling of relationships between Hayflick limit and telomere length

Golubev A. and Butov A.

Research Institute of Experimental Medicine, St. Petersburg; Mathematical Faculty of Ul'yanovsk University, Ul'yanovsk, Russia

4. Sodium pump as a possible target of IR radiation

Pennyaynen V. A., Malevskaya I. I., Krylov B. V., and Chalisova N. I.

I. P. Pavlov Institute of Physiology, RAS, and I. I. Mechnikov Medical Academy, RAMS, St. Petersburg, Russia

5. Cancer gene therapy vectors based on the genome of an avian adenovirus CELO

Tcherenova L. V., Shashkova E. V., Logunov D. Y., Shmarov M. M.

Institute of Agricultural Biotechnology, Russian Academy of Agricultural Sciences, Moscow, Russia

6. Anti-HBs contents in intravenous immunoglobulin preparations treated by different methods of virus inactivation

Zubkova N. V. and Moiseyeva M. A.

ImBio Co., Nizhny Novgorod, Russia

7. Dendrimeric compounds in biotechnology
Sklyarov L.Yu., Kopina N.A., Zybakov Yu.A., Tereshenko T.S., Kazanskii D.B., and Sidorovich I.G.
Institute of Immunology, the Ministry of Health of the Russian Federation, and N.N. Blokhin Cancer Research Center, RAMS, Moscow, Russia

9.00-13.00 Small Hall

Session 14. NON-GOVERNMENTAL ORGANIZATIONS AND PROJECTS IN HIV PREVENTION

Chairperson: *A. V. Khmyrov*

1. Interactive training in preventive programs for young people
Khmyrov A.V. Kochkina O.A., and Panfilov G.V.
NGO Vzgliad v Budushcheye (Looking into the Future), St. Petersburg
2. Training of students for working in public HIV preventing projects and organizations
Popova L.A.
Gertsen Pedagogical Institute, St. Petersburg, Russia
3. Operation of counseling STD centers for young people
Trubetskaya T.Ye.
Counseling Center for Young People of Krasnogvardeiskiy District, St. Petersburg
4. The psycho-educative approach to prevention of HIV infection and drug addiction
Vaisov S.
Rehabilitation Center for Drug-dependent Children and Adolescents, St. Petersburg, Russia
5. Development of an active credo and forming of values in adolescents as a component of interventions for prevention of drug addiction and HIV infection
Slavova Ye. P.
Psychological Service for Children "Doveriye", Sestroretsk District, Saint-Petersburg, Russia
6. HIV prevention: the experience of a youth team "Pervaya Volna" in the city of Lomonosov
Maltseva Ye.
Rehabilitation Center for Handicapped Children and Adolescents, Lomonosov, St. Petersburg, Russia
7. The significance of the informational support for organizations involved in HIV/AIDS prevention under the present time conditions
Skochilov P.V.
Youth Information Center, St. Petersburg, Russia
8. The implementation of preventive projects ECHO and ECHO-net
Kochkina T.Yu., Khmyrov A.V., Malysheva L.L., and Panfilov G.V.
NGO Vzgliad v Budushcheye (Looking into the Future), St. Petersburg, Russia
9. The results of investigations carried out within the framework of the project "Podrostok" ("The Adolescent")
Krishtal T.Yu. and Vakhrusheva G.V.
Medical Academy of Postgraduate Training and Inter-College Polyclinic No 76, St. Petersburg, Russia
10. UNISEF projects for HIV prevention and health life advocacy in St. Petersburg: experience and current trends
Ivanian P.
St. Petersburg, Russia
11. The effect of child's drug addiction on parent's personal characteristics
Yatsyshin S.M.
Center for Prevention of Drug Addiction, St. Petersburg

14.00 – 17.00 Small Hall**Round table discussion: HIV PREVENTION**

Chairpersons: *A.V. Shaboltas, R.V. Dyatlov*

1. Sexual communication in student hospices of St. Petersburg
Sokolov N.V., Dyatlov R.V., Borodkina O.I., Seal D., Hartmann B., Kelly J., and Kozlov A.P.
St. Petersburg State University and Biomedical Center, St. Petersburg, Russia; Medical College of Wisconsin, Milwaukee, USA
2. HIV prevention and sexual education of young people
Priimagi L., Raudsepp, A., Kaldmae P., Valjaots, Ye, and Grinchak M.
Estonian Anti-AIDS Association, Tallinn, Estonia
3. Organization of HIV preventive measures within the framework of a regional program “Anti-HIV/AIDS” in Karagaiskiy District of Perm Oblast
Chudinova L. N., Kolosov N. N., and Makarova T. A.
Central Hospital of Karagaiskiy District, Perm Oblast, Russia
4. What should be done to decrease risk of being infected with HIV?
Davydova A. A., Saf’yannikov N. M.
5. Zeroing in on risk groups in combined preventive and educational interventions
Pavlova Ye. V., Koposova T. V., and Akhedzianova A. E.
Center for AIDS Control of the Ministry of Health of Tatarstan Republic, Kazan, Tatarstan, the Russian Federation
6. HIV prevention among adolescents at places of detention
Denisov Ye. A., Gonina M. Yu., Perevozchikova T. V., and Yakovleva T. Yu.
Public Fund “Udmurtia-AntiAIDS”, State Office “Psychologist-Plus”, and Udmurtian Center for AIDS Control, Izhevsk, Udmurtia, the Russian Federation
7. The place for and significance of sanitary education in HIV prevention
Zaliadinov T. A., Merekina N. N., Lipskaya N. A., and Skolubovich G. V.
AIDS Control Center of Amurskaya Oblast and Amurskaya Medical Academy, Russia

Discussion

The experience of Khabarovsk Center for AIDS Control

Zherdeva A. I.

Khabarovsk Center for AIDS Control, Khabarovsk, Russia

Friday, May 31

9.00-13.00 Small Hall**Session 15. AIDS and TB**

Chairpersons: *V. F. Zhemkov, M. Salfinger, K.Khoshnood, and R. Ryder*

1. TB in St. Petersburg: problems and the ways of their solution.
Zhemkov V. F.
City TB Dispensary, St. Petersburg, Russia
2. Systems thinking in the global fight against TB
Salfinger M.
Wardsworth Center, New York State Health Department, New York, USA

3. TB in prisons
Sazhin V. L.
St. Petersburg Penitentiary Administration, St. Petersburg , Russia
4. Control of TB among prisoners: global and local challenges
Khoshnood K.
Yale University, USA
5. The molecular-genetic characterization of the TB pathogen in St. Petersburg
Narskaya O. V.
Pasteur Institute, St. Petersburg, Russia
6. HIV and TB
Ryder R.
University of North Carolina
7. Morphological characteristics of immune inflammation under conditions of drug resistance of mycobacteria
Ariel B. M.
Institute of Phthisiology, St. Petersburg, Russia
8. Laboratory aspects of TB diagnosis
Hale Y.
Florida Department of Health

Poster session

A case report of the malignant TB course in a HIV patient

Savushkina V. K., Nekrasova T. S., and Dmitriyeva S. P.

Sverdlovsk Regional Psychoneurological Hospital for Military Veterans, Yekaterinburg, Russia

TB in HIV patients in the Siberian Okrug

Pakhunova I. I., Rubin L. K., Chernysheva A. S., Gankina N. Yu., Levantuyeva L. A., Aksenova V. Ya., Reshetnikov V. I., and Tsyngyeva D. D.

Center for AIDS Control in the Siberian Okrug, the Ministry of Health of the Russian Federation, Russia

TB combined with HIV infection

Panteleyev A. M., Ivanov A. K., and Fomenkova N. V.

Departments of Phthisiology and Infectious Diseases, Mechnikov Medical Academy, St. Petersburg,

13.00 – 14.00 Lunch

14.00 – 17.00 Small Hall

Workshop of participants of the project “TB in prisons”

14.00 – 17. 00 Big Hall

Round table discussion: Development of an interdisciplinary language: an experience of annual conferences “AIDS, Cancer, and Related Problems”

Meeting of Association against HIV/AIDS

Closing of the Conference