

**Program of 15<sup>th</sup> International Conference  
“AIDS, Cancer and Public Health”  
Sankt Petersburg, Russia  
(May 22-26, 2006)**

---



## ***Contents***

<i>Short Program of 15<sup>th</sup> International Conference “AIDS, Cancer and Public Health” .....</i>	<i>2</i>
<i>Full Program of 15<sup>th</sup> International Conference “AIDS, Cancer and Public Health” .....</i>	<i>3</i>
<i>The Program of Poster Session.....</i>	<i>15</i>

**Short Program 15<sup>th</sup> International Conference “AIDS, Cancer and Public Health”  
Sankt Petersburg, Russia (May 22 - 26, 2006)**

Conference venue: Sankt Petersburg University Center, 6 Birzhevaja Liniya, Vasilievsky Ostrov  
(across from the Library of the Academy of Science)

22.05 Monday	12:00- 18:00	<b>Big Hall</b> <b>1. PLENARY SESSION</b> <i>Conference Opening, Presentation of Awards.</i>	
23.05 Tuesday		<b>Big Hall</b>	<b>Small Hall</b>
	09.00- 12.00	2. Symposium “Preparing for Influenza Pandemic”	3. Symposium “Microbicides and HIV Vaccine”
	13.00- 14.00	<b>Big Hall</b> <b>4. Plenary Session in memory of A. A. Vorobiyev (1923-2006)</b>	
	14.00- 18.00	5. Symposium “The Tuberculin Skin Tests – the Present Use and Future Prospects”	6. Symposium “Experimental and Theoretical Oncology”
	18.00- 20.00	7. Poster Session(Big Hall)	
24.05 Wednesday		<b>Big Hall</b>	<b>Small Hall</b>
	9.00- 13.00	8. Symposium “Viral and Genetic Factors of Carcinogenesis”	9. Seminar “Modern Strategies of TB Control.”
	14.00- 17.00	10. Symposium “Drug Abuse and HIV”	
	17.00- 19.00	11. Meeting of Association Against HIV/AIDS	12. Round-table Discussion: “The Role of Community in Scientific Research”
25.05 Thursday	09.00- 12.00	13. Symposium “Epidemiology and Prevention of HIV/AIDS”	
	13.00- 17.00		14. Seminar “Modern Strategies of TB Control.”
26.05 Friday	9.00- 13.00	15. Symposium “Problems of Hemotransfusive Transmission of HIV and Other Viruses”	16. Symposium “HIV/AIDS in Different Regions”

**01.06.06. WEDNESDAY**

*Institute of Pure Biochemicals*

**Satellite Symposium**

**“GE Healthcare Biosciences products for biological sciences & industry”**

**Program**  
**15<sup>th</sup> International Conference "AIDS, Cancer and Public Health"**  
**Sankt Petersburg, Russia (May 22 -26, 2006)**

---

Conference venue: Sankt Petersburg University Center, 6 Birzhevaja Liniya, Vasilievsky Ostrov  
(across from the Library of the Academy of Science)

**Monday, 22 May**

**12:00 - 18:00**

**Big Hall**

---

**1. PLENARY SESSION**

*Chairperson: Kozlov A.P.*

**CONFERENCE OPENING, PRESENTATION OF AWARDS.**

1. **GENETIC ARCHITECTURE OF COMPLEX INFECTIOUS DISEASES - LESSONS FROM AIDS**  
**O'Brien S.**  
*National Cancer Institute, Frederick Cancer Research and Development Center, USA*
2. **THE RESULTS FROM SMALLPOX VIRUS GENOME STUDIES**  
**Schelkunov S.N.,**  
*SRC Vektor and Novosibirsk University, Russia*
3. **INFECTIOUS DISEASES IN THE AGENDA OF G8 SUMMIT**  
**Volodin, N.N.**  
*Russian Ministry of Science and Social Development, Moscow, Russia*
4. **HOW WE MEASURE BIOSOCIAL PARAMETERS**  
**Kozlov A.P.**  
*The Biomedical Center, Sankt Petersburg*
5. **SETTING PRIORITIES FOR GLOBAL RESEARCH ON HIV/AIDS**  
**Hoff R.**  
*NIH/NIAID, USA*
6. **HUMAN ONCOGENIC VIRUSES: MYTHS AND REALITY**  
**Gurtsevich V.E.**  
*N.N. Blokhin Cancer Research Center, Moscow, Russia*
7. **CURRENT STATE AND PROSPECTS OF TB CONTROL IN THE RUSSIAN FEDERATION**  
**Zhemkov V.F.**  
*City TB Center, Sankt Petersburg, Russia*

**Tuesday, 23 May**

**09:00 – 12:00**

**Big Hall**

---

**2. SYMPOSIUM “PREPARING FOR INFLUENZA PANDEMIC”**

*Chairpersons: Morse D., Kiselev O.I.*

**1. PANDEMIC PREPAREDNESS IN RUSSIA**

***Kiselev O.I.***

*Influenza Institute, Sankt Petersburg*

**2. HOW THE EUROPEAN UNION IS RESPONDING TO INFLUENZA: SEASONAL, PANDEMIC AND AVIAN**

***Nicoll A.***

*European Centre for Disease Control and Prevention, Stockholm, Sweden*

**3. NEW YORK STATE’S EPIDEMIOLOGIC AND PUBLIC HEALTH PREPARATIONS FOR SEASONAL AND PANDEMIC INFLUENZA**

***Morse D.***

*NYSDOH, USA*

**4. LABORATORY PREPAREDNESS FOR PANDEMIC INFLUENZA IN NEW YORK STATE**

***St. George K.***

*NYSDOH Wadsworth Center, New York, USA*

**5. INFLUENZA RESISTANCE AND ANTIVIRAL TREATMENT RESEARCH**

***Zarubaev V.***

*Influenza Institute, Sankt Petersburg*

**09:00 – 12:00**

**Small Hall**

---

**3. SYMPOSIUM “MICROBICIDES AND HIV VACCINE”**

*Chairpersons: Margolis L., Kozlov A.P.*

**1. INTRODUCTION**

*Margolis L., Kozlov A.P.*

**2. DEVELOPMENT OF MUCOSAL STRATEGIES TO PREVENT HIV-1 TRANSMISSION**

***Shattock R.***

*University of London, UK*

**3. RATIONAL DESIGN OF RANTES-DERIVED PEPTIDES WITH ANTI-HIV ACTIVITY: A NEW CLASS OF CANDIDATE MICROBICIDES**

***Lusso P.***

*San Raffaele Scientific Institute, Milan, Italy*

**4. INNATE MICROBICIDES AGAINST HIV**

***Margolis L.***

*National Institutes of Health, USA*

5. **IMMUNE FAILURE AND IMMUNE PROTECTION IN HIV INFECTION?**  
**Lederman M.M.**  
*Case Western Reserve University, Cleveland, USA*
6. **DEVELOPING DNA-IMMUNOGENE BASED ON GAG HIV-1 GENE**  
**Dukhovlinov I.V., Vorozhtsova Y.V., Masharskiy A.E., Kazennova Y.V., Murashev B.V., Klimov N.A., and Kozlov A.P.**  
*The Biomedical Center and Research Institute of Pure Biochemicals, Sankt Petersburg, Russia*
7. **CONSERVED MEMBRANE PROXIMAL HIV GP41 ECTODOMAIN: FROM ITS ROLE IN MUCOSAL ENTRY TO ITS USE AS A POTENT MUCOSAL VACCINE CANDIDATE AND A TARGET OF MONOCLONAL HIV NEUTRALISING IGA AS POTENTIAL MICROBICIDE.**  
**Bomsel M.**  
*Institut Cochin, Paris, France*
8. **IMMUNOLOGICAL PROPERTIES OF ORAL SALMONELLA TYPHIMURIM-BASED AND INJECTED DNA-VACCINE ADMINISTERED IN VARIOUS PRIME-BOOST COMBINATIONS**  
**Murashev B.V., Kazennova A.A., Kozlov A.A., Murasheva I.V., Galachiyantz Yu., Dukhovlinov I.V., Bukhvalov Yu. V., Masharskiy A.E., Klimov N.A., and Kozlov A.P.**  
*The Biomedical Center and Research Institute of Pure Biochemicals, Sankt Petersburg, Russia*
9. **COHORT AS RESEARCH INSTRUMENT FOR EFFICACY EVALUATION OF VACCINES, MICROBICIDES AND OTHER PREVENTIVE INTERVENTIONS**  
**Shaboltas A.V., Kozlov A.P.**  
*The Biomedical Center, Sankt Petersburg, Russia*

---

**13:00 - 14:00**

**Big Hall**

---

**4. PLENARY SESSION IN MEMORY OF A. A. VOROBIYEV (1923-2006)**

*Chairperson: Kozlov A.P.*

**A. A. VOROBIYEV, AN OUTSTANDING MICROBIOLOGIST AND BIOTECHNOLOGIST**  
*Zverev V.V.*

**SAVING THE SPECIES: SCIENCE, SOCIETY AND SURVIVABILITY**

**Reddel C.**

*Eisenhower Memorial Commission, USA*

---

**14:00 – 18:00**

**Big Hall**

---

**5. SYMPOSIUM “THE TUBERCULIN SKIN TESTS – THE PRESENT USE AND FUTURE PROSPECTS”**

*Chairpersons: Levashov Y.N., Larsson L.O., Zhemkov V.F.*

1. **THE TUBERCULIN SKIN TEST IN CLINICAL PRACTICE. A CRITICAL REAPPRAISAL**  
**- THE SWEDISH POINT OF VIEW**  
**Larsson L.O.**  
*Karolinska Hospital, Stockholm, Sweden*  
  
**- THE RUSSIAN POINT OF VIEW**  
**Dovgaljuk I.F.**  
*Research Institute of Phthysiology, Sankt Petersburg, Russia*
2. **THE TUBERCULIN SKIN TEST IN THE DIAGNOSTICS OF LATENT TUBERCULOSIS INFECTIONS. EXPERIENCES FROM A SWEDISH PEDIATRIC POPULATION**  
**Bennet R.**  
*Karolinska Hospital, Stockholm, Sweden*
3. **ASPECTS OF THE TUBERCULIN SKIN TEST AMONG HIV-INFECTED PATIENTS**  
**Vinogradova E.N., Tursunova N.A.**  
*City AIDS Center, Sankt Petersburg, Russia*
4. **A COMPARATIVE SKIN TEST STUDY BETWEEN THE RUSSIAN TUBERCULIN AND PPD RT23 SSI DENMARK – PRELIMINARY RESULTS**  
**Gärden B., Zhemkov V.F.**  
*Karolinska Hospital, Stockholm, Sweden, City TB Center, Sankt Petersburg, Russia*
5. **POST-VACCINE COMPLICATIONS. BCG-ITIS IN NORTH-WEST REGION**  
**Mushkin A.Y.**  
*Research Institute of Phthysiology, Sankt Petersburg, Russia*
6. **COMMENTARY**  
**Bennet R., Larsson L.O., Haslöv K.**
7. **THE IMMUNE RESPONSES IN LATENT TUBERCULOSIS INFECTION. IMMUNOLOGICAL ASSAYS**  
**Godoy K.**  
*Karolinska Institutet, Stockholm, Sweden*
8. **THE TUBERCULIN SKIN TESTS – THE FUTURE PROSPECTS**  
**Haslöv K.**  
*Seruminstitutet, Copenhagen, Denmark*

---

**14:00 – 18:00****Small Hall**

---

**6. SYMPOSIUM “EXPERIMENTAL AND THEORETICAL ONCOLOGY”***Chairpersons: Itkes A.V., Imyanitov E.N.***1. REGULATORY T CELLS***Rudensky A.Y.**University of Washington, Seattle, WA, USA***2. RECOGNITION OF CANCER CELLS BY NATURAL KILLER CELLS***Raulet D.**University of California, Berkley, CA, USA***3. IMMUNE RECOGNITION OF PROTEIN ANTIGENS EXPRESSED BY HUMAN TUMORS***Kuprash D.V.**Institute of Molecular Biology, Moscow, Russia***4. GENETIC SYSTEM OF PEA (*PISIUM SATIVUM L.*) CONTROLLING DEVELOPMENT OF ITS SYMBIOSES: FUNDAMENTALS AND APPLICATIONS***Tikhonovich I.A.**Russian Research Institute for Agricultural Microbiology, Sankt Petersburg, Russia***5. COMPUTATIONAL APPROACHES FOR ONCOMARKERS SEARCHING***Galachiyantz Yu.P., Krukovskaja L.L., Polev D.E., Kozlov A.P.**The Biomedical Center, Sankt Petersburg, Russia***6. THE EXPRESSION OF NEWLY EVOLVED AND DORMANT GENES IN TUMORS***Krukovskaya L.L., Dukhovlinov I.V., Polev D.E., Galachiyantz Yu.P., Samusik N.D., Nosova Y.K., Baranova A.V., and Kozlov A.P.**The Biomedical Center, Sankt Petersburg, Russia***7. COMPARATIVE GENOMICS ANALYSIS OF HUMAN TUMOR-RELATED TRANSCRIPTS.***Samusik N.D., Galachiyantz Yu.P., Kozlov A.P.**The Biomedical Center, Sankt Petersburg, Russia***8. AN ANALYSIS OF THE PRESENCE OF CYTOMEGALOVIRUS AND EPSTEIN-BARR VIRUS IN PROSTATE TISSUE OF THE PATIENTS WITH PROSTATE MALIGNANCY***Klochkova T.G., Andabekov T.T., Shkolnik M.I., Karelin M.I., Evtushenko V.I.**Research Institute of Radio-Roentgenology, Saint-Petersburg, Russia*

---

**18:00 – 20:00****Big Hall**

---

**7. POSTER SESSION**

**Wednesday, 24 May**

**09:00 – 13:00**

**Big Hall**

**8. SYMPOSIUM "VIRAL AND GENETIC FACTORS OF CARCINOGENESIS"**

*Chairperson: Gurtsevitch V.E.*

1. **GENE-MODIFIED TUMOR CELL-BASED VACCINE THERAPY FOR ADVANCED MELANOMA**  
*Mikhalova I.N., Burova O.S., Lucashina M.I., Morozova L.F., Utyashev U.A., Petenko N.N., Barishnikov K.A., Ivanov P.V., Parsunkova K.A., Cheremushkin E.A., Demidov L.V., Barishnikov A.Y.*  
*N.N. Blokhin Cancer Research Center, Moscow, Russia*
2. **COOPERATION OF EXOGENOUS AND ENDOGENOUS VIRUSES: HUMAN ENDOGENOUS RETROVIRUS K (HERV-K) NP9 PROTEIN DOWN-REGULATES EPSTEIN-BARR VIRUS NUCLEAR ANTIGEN (EBNA2) PROMOTER ACTIVATION**  
*Pfuhl T., Sterlikova A., Pavlish O., Gurtsevitch V., Sauter M., Müller-Lantzsch N., Grässer F.A.*  
*Institut für Virologie, Homburg/Saar, Germany and N. N. Blokhin Cancer Research Center, Moscow, Russia*
3. **C-KIT ANALYSIS FOR MOLECULAR DIAGNOSTICS OF HUMAN MALIGNANCIES**  
*Mazurenko N.N., Beliakov I.S., Anurova O.A., Snigur P.V.*  
*N.N. Blokhin Cancer Research Center, Moscow, Russia*
4. **THE ROLE OF INSULIN/IGF-1 SIGNALING IN AGING AND CANCER: ANTIDIABETIC DRUGS AS SEROPROTECTORS AND ANTICARCINOGENS**  
*Anisimov V.N., Berstein L.M., Popovich I.G., Zabezhinski M.A., Egormin P.A., Tyndyk M.L., Anikin I.V., Semenchenko A.V.*  
*N.N. Petrov Research Institute of Oncology, Sankt Petersburg, Russia and Max-Planck Institute for Demographic Research, Rostock, Germany*
5. **HLARK/RBM4A STRONGLY CO-STIMULATES GENE ACTIVATION BY THE EPSTEIN-BARR VIRUS NUCLEAR ANTIGEN 2 (EBNA2) AND ITS CELLULAR COUNTERPART NOTCH-1C**  
*Barth, S., Pfuhl, T., Kremmer, E., Dobner, T., Grässer, F.A.*  
*Institut für Virologie, Universitätsklinikum des Saarlandes, Homburg/Saar; Institut für Mikrobiologie und Hygiene, Universitätskliniken, Regensburg; GSF-Institut für Molekulare Immunologie, München,*
6. **EPIGENOMIC CHANGES IN CERVICAL CARCINOMAS: NEW FINDINGS**  
*Kisseleva N.P., Kisselev F.L.*  
*N. N. Blokhin Cancer Research Center, Moscow, Russia*

**7. GENETIC ANALYSIS OF FORMALIN-FIXED, PARAFFIN EMBEDDED ARCHIVAL TISSUES**

**Imyanitov E.N.**

*N.N. Petrov Institute of Oncology, Sankt -Petersburg, Russia*

**09:00 – 13:00**

**Small Hall**

---

**9. SEMINAR “MODERN STRATEGIES OF TB CONTROL.**

*Moderator Zhemkov V.F.*

**14:00 – 17:00**

**Big Hall**

---

**10. SYMPOSIUM “DRUG ABUSE AND HIV”**

*Chairpersons: Latkin C., Krupitsky E.M.*

**1. CURRENT AND FUTURE DIRECTIONS FOR HIV PREVENTION EFFORTS AMONG DRUG USERS**

**Latkin C.**

*Johns Hopkins University, USA*

**2. HIV RISK BEHAVIOR AND PSYCHIATRIC SYMPTOMS AMONG HEROIN ADDICTS IN SANKT PETERSBURG, RUSSIA**

**Krupitsky E.M., Zvartau E.E., Egorova V.Y., Tsoy M.V., Burakov A.M., Masalov D.V., Verbitskaya E.V., Didenko T.Y., Romanova T.N., Neznanov N.G., Grinenko A.Y., O’Brien C.P., Woody G.E.**

*Sankt Petersburg Research Center of Addictions and Psychopharmacology, Russia, and University of Pennsylvania, USA*

**3. THE GLOBAL RESEARCH NETWORK FOR HIV PREVENTION AMONG DRUG-USING POPULATIONS: A DEMONSTRATION OF THE GRN INTERACTIVE INFORMATION PORTAL**

**Gaist P.**

*OAR/OD/NIH, USA*

**4. MEDICO-PSYCHOLOGICAL AND SOCIAL PROBLEMS OF STIGMATIZATION OF HIV-INFECTED DRUG ABUSERS AS TARGETS FOR PSYCHOTHERAPY**

**Yliuk, R.D.**

*V.M. Bekhterev Research Institute of Psychoneurology, St-Petersburg, Russia*

**5. SPATIAL ANALYSIS OF HIV INCIDENCE DATA FROM THE HPTN STUDY: THE IMPACT OF LOCATION ON RISK BEHAVIORS**

**Barbour R., Hoffman I., Shaboltas A.V., Kozlov A.A., Heimer R., Kozlov A.P.**

*Yale University, University of North Carolina, USA, The Biomedical Center, Sankt Petersburg, Russia.*

**6. PSYCHOSTIMULANT USE AND RISK-TAKING BEHAVIORS AMONG HETEROSEXUAL INJECTION DRUG USERS IN SANKT PETERSBURG, RUSSIA**

**Kruse G, Shaboltas A.V, Toussova O.V., Hoffman I, Kozlov A.P.**

*The Biomedical Center, Sankt Petersburg, Russia, University of North Carolina, USA.*

7. ***APPLICATION OF RESPONDENT DRIVEN SAMPLING (RDS) METHODOLOGY TO RECRUIT HARD-TO-REACH POPULATION***  
***Toussova O.V.***  
*The Biomedical Center, Sankt Petersburg, Russia.*
  
8. ***THE EFFECT OF PERSONAL NETWORK EXPOSURE ON INJECTING EQUIPMENT SHARING AMONG HUNGARIAN IDUS***  
***Gyarmathy V.A.***  
*Johns Hopkins University, USA*
  
9. ***SOCIOLOGICAL STUDY OF SEXUAL PRACTICES OF INJECTION DRUG USERS IN RUSSIA***  
***Borodkina O.I., Girchenko P.V., Baranova M.V., Irving K., Heimer R., and Kozlov A.P.***  
*The Biomedical Center, Sankt Petersburg, Russia,  
Yale University, University of North Carolina, USA.*

---

**17:00 - 19:00**

**Small Hall**

---

**12. ROUND-TABLE DISCUSSION: "THE ROLE OF COMMUNITY IN SCIENTIFIC RESEARCH"**

***Moderators: Isaeva A., Nischita A.***

**Thursday, 25 May**

**9:00 – 12:00**

**Big Hall**

---

**13. SYMPOSIUM “EPIDEMIOLOGY AND PREVENTION OF HIV/AIDS”**

*Chairpersons: Papuashvili M.N., Hoffman I.F.*

1. **ACUTE HIV INFECTION – AN OPPORTUNITY FOR PREVENTION?**  
**Dubrow R.**  
*Yale University, USA*
2. **USING SELECTIVE SCREENING TO DETECT ACUTE HIV INFECTION IN MALAWI**  
**Hoffman I.F., Powers K.A., Miller W.C., Mapanje C., Martinson F., Pilcher C.D., Fiscus S.A., Chilongozi D., Namakhwa D., Gama S., and Cohen M.S.**  
*University of North Carolina, USA*
3. **FOLLOW UP OF HIV OUTBREAK IN LITHUANIAN PRISONS**  
**Chaplinskas S.**  
*Lithuanian AIDS Center*
4. **ACHIEVEMENTS AND FAULTS OF PROGRAMS FOR HIV/AIDS PREVENTION**  
**Mazus A.I.**  
*Moscow AIDS Center, Russia*
5. **A NEW QUALITY OF SUBSTITUTIVE IMMUNOTHERAPY**  
**Papuashvili M.N.**  
*Institute of Immunology, Moscow, Russia*
6. **MATHEMATICAL MODEL OF HIV/STD SPREAD IN A COMMUNITY WITH EMBEDDED SEXUAL, DRUG AND SOCIAL NETWORKS**  
**Bobashev G.V., Goedecke D.M., Costenbader E., and Zule W.M.**  
*RTI International, USA*

**13:00 – 17:00**

**Small Hall**

---

**14. SEMINAR “MODERN STRATEGIES OF TB CONTROL.”**

*Moderator Zhemkov V.F.*

**Friday, 26 May**

**09:00 – 13:00**

**Big Hall**

---

**15. SYMPOSIUM "PROBLEMS OF HEMOTRANSFUSIVE TRANSMISSION OF HIV AND OTHER VIRUSES"**

*Chairpersons: Selivanov E.A., Chebotkevich V.N.*

1. **PREVALENCE OF INFECTIOUS AGENTS AMONG DONORS OF BLOOD AND ITS COMPONENTS**  
*Selivanov Ye.A., Danilova T.N., Degtereva I.N., Grigoriyan M. S., and Vorobey L.G.*  
*Russian Institute of Hematology and Blood Transfusion, Sankt Petersburg, Russia*
2. **INFECTIOUS AND IMMUNOHEMATOLOGICAL ASPECTS OF SAFETY OF DONATED BLOOD TRANSFUSION: PARALLELS AND PROSPECTS FOR THEIR IMPROVEMENT IN CLINICAL PRACTICE**  
*Soldatenkov V.Ye., Mineyeva N.V., Burakov V.V.*  
*Russian Institute of Hematology and Blood Transfusion, Sankt Petersburg, Russia*
3. **NEW PROBLEMS IN ENSURING INFECTIOUS SAFETY OF THERAPY USING BLOOD COMPONENTS**  
*Chebotkevich V.N.*  
*Russian Institute of Hematology and Blood Transfusion, Sankt Petersburg, Russia*
4. **TRANSMISSION OF HBSAG-NEGATIVE VARIANTS OF HEPATITIS B VIRUS BY BLOOD TRANSFUSION**  
*Yaroslavtseva N.G.*  
*Hematological Center of the Russian Academy of Medical Sciences, Moscow, Russia*
5. **DYNAMICS OF MARKERS OF VIRAL INFECTIONS IN THE COURSE OF TREATMENT OF AUTOIMMUNE HEMOLYTIC ANEMIA PATIENTS**  
*Garanzha T.A.*  
*Hematological Center of the Russian Academy of Medical Sciences, Moscow, Russia*
6. **DYNAMIC STUDY OF HERPES VIRUS INFECTION IN ACUTE LEUKEMIA PATIENTS**  
*Tikhomirov D.S.*  
*Hematological Center of the Russian Academy of Medical Sciences, Moscow, Russia*

**09:00 – 12:00**

**Small Hall**

---

**16. SYMPOSIUM "HIV/AIDS IN DIFFERENT REGIONES"**

1. **LIFE QUALITY OF HIV-INFECTED PRISONERS SUBJECTS**  
*Stoniene L*  
*Lithuanian AIDS Center*
2. **HIV INFECTION IN KHABAROVSK AREA**  
*Zherdeva A.I.*  
*Khabarovsk AIDS Center, Russia*

3. **APPLICATION OF NEW GENERATION OF EPIDEMIOLOGICAL SURVEILLANCE IN ALTAY AREA**  
**Demyanenko E.R.**  
*Altay AIDS Center, Russia*
4. **HIV INFECTION IN KHANTY-MANSY REGION, CORRELATION WITH DRUG USING**  
**Shalyapina N.V.**  
*Regional AIDS Center, Khanty-Mansyisk, Russia*
5. **DEGRADED ENVIRONMENTS AND SOCIAL CHANGE: THE TRIGGERS OF FOOD INSECURITY AND EVER INCREASING RATES OF HIV INFECTIONS IN SUB-SAHARAN AFRICA**  
**Mastilovic Cali J.**  
*University of North Carolina, Carolina Population Center*

**Wednesday, 01 June**

**SATELLITE SYMPOSIUM**

**"GE HEALTHCARE BIOSCIENCES PRODUCTS FOR BIOLOGICAL SCIENCES & INDUSTRY"**

*Institute of Pure Biochemicals*

1. **CHROMATOGRAPHY METHODS FOR PURIFICATION OF BIOMOLECULES**  
*Kandyba Ye.I.*
2. **ULTRAFILTRATION FOR PURIFICATION OF BIOPREPARATIONS**  
*Kandyba Ye.I.*
3. **GE HEALTHCARE EQUIPMENT FOR GENOMICS & PROTEOMICS LABORATORIES**  
*Likhnova O.P.*
4. **EQUIPMENT FOR IN VIVO CELL-BASED ASSAYS AND INVESTIGATION OF CELLULAR & MOLECULAR EVENTS IN LIVING ANIMALS**  
*Likhnova O.P.*

---

## THE PROGRAM OF JOINT POSTER SESSION

---

### ONCOLOGY

1. **GENETIC ANALYSIS OF FORMALIN-FIXED, PARAFFIN EMBEDDED ARCHIVAL TISSUES**  
**Imyanitov E.N.**  
*N.N. Petrov Institute of Oncology, Sankt -Petersburg, Russia*
2. **THE ROLE OF INSULIN/IGF-1 SIGNALING IN AGING AND CANCER: ANTIDIABETIC DRUGS AS GEROPROTECTORS AND ANTICARCINOGENS**  
**Anisimov V.N., Berstein L.M., Popovich I.G., Zabezhinski M.A., Egormin P.A., Tyndyk M.L., Anikin I.V., Semenchko A.V.**  
*N.N. Petrov Research Institute of Oncology, Sankt Petersburg, Russia; Max-Planck Institute for Demographic Research, Rostock, Germany*
3. **IMMUNOREGULATORY FUNCTIONS OF VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF)**  
**Kisseleva E.P., Krylov A.V., Lioudyno V.I.**
4. **EXPRESSION AND FUNCTION OF THE HUMAN ENDOGENOUS RETROVIRUS HERV-K**  
**Büscher K., Hahn S., Hofmann M., Trefzer U., Löwer J., Löwer R., Sterry W., R. Kurth, Denner J.,**  
*Robert Koch-Institute, Berlin, Paul-Ehrlich-Institute, Langen,; Department of Dermatology, Charité-University Medicine Berlin, Germany*
5. **APOPTOSIS-INDUCED EFFECT BY BETULINIC ACID DERIVATIVES ON HEP G2 CELLS**  
**Shintyapina A.B., Kogevnikov S. V., Schults E. E, Petrenko N. I., Uzenkova N. V., Tolstykov G.A., Pokrovsky A.G.**  
*State Research Center of Virology and Biotechnology "Vector", Kolsovo (Russia), Institute of Clinical Immunology, Siberian Division of Academy of Medical Science, Novosibirsk, Russia, Institute of Organic Chemistry, Siberian Division of Academy of Science, Novosibirsk, Russia*
6. **COOPERATION OF EXOGENOUS AND ENDOGENOUS VIRUSES: HUMAN ENDOGENOUS RETROVIRUS K (HERV-K) NP9 PROTEIN DOWN-REGULATES EPSTEIN-BARR VIRUS NUCLEAR ANTIGEN (EBNA2) PROMOTER ACTIVATION**  
**Pfuhl T., Sterlikova A., Pavlish O., Gurtsevitch V., Sautetz M., Müller-Lantzsch N. and Grässer F.A.**  
*Institut für Virologie, Universitätsklinikum des Saarlandes, Homburg/Saar, Germany, Laboratory of Viral Carcinogenesis, N. N. Blokhin Cancer Research Center, Moscow, Russia*
7. **HLARK/RBM4A STRONGLY CO-STIMULATES GENE ACTIVATION BY THE EPSTEIN-BARR VIRUS NUCLEAR ANTIGEN 2 (EBNA2) AND ITS CELLULAR COUNTERPART NOTCH-IC**  
**Barth, S., Pfuhl, T., Kremmer, E., Dobner, T., Grässer, F.A.**  
*Institut für Virologie, Universitätsklinikum des Saarlandes, Homburg/Saar; Institut für Mikrobiologie und Hygiene, Universitätskliniken, Regensburg; GSF-Institut für Molekulare Immunologie, München*

8. **IMMUNOTHERAPY OF INOPERABLE PATIENTS WITH LUNG CANCERS OF DIFFERENT ETHIOLOGY AND PATHOGENESIS**  
*Novikov V.I., Vlasov A.A., Sidorovich I.G.*  
National Research Center – Institute of Immunology Federal Agency for Medicine and Biology, Moscow, Russia
9. **THE STUDY OF THE PROTEINS ASSOCIATED WITH THE CARCINOMAS OF THE STOMACH/INTESTINE LOCALIZATION BY USING 1F3-2D4 MONOCLONAL ANTIBODIES**  
*Bobrova T.S.*  
Civil N.N. Blokhin Cancer Research Centre, RAMS, Moscow, Russia
10. **GENE MODIFIED TUMOR CELL BASED VACCINE THERAPY OF ADVANCED MELANOMA**  
*Mikhailova I.N., Burova O.S., Lucashina M.I., Morozova L.F., Utyashev U.A., Petenko N.N., Barishnikov K.A., Ivanov P.V., Parsunkova K.A., Cheremushkin E.A., Demidov L.V., Barishnikov A.U.*  
N.N. Blokhin Russian Cancer Research Center RAMS
11. **DETECTION OF ANTI-HERV-K TRANS-MEMBRANE (TM) PROTEIN SPECIFIC ANTIBODIES IN MELANOMA PATIENTS**  
*Senyuta N., Mihailova I., Tokareva Z., Burova O., Demidov L., Baryshnikov A., Denner J., Gurtsevitch V.*  
N.N Blokhin Cancer Research Center RAMS, Moscow, Russia, Robert Koch-Institute, Berlin, Germany
12. **C-KIT ANALYSIS FOR MOLECULAR DIAGNOSTICS OF HUMAN MALIGNANCIES**  
*Mazurenko N.N., Beliakov I.S., Anurova O.A., Snigur P.V.*  
Blokhin Cancer Research Center, Moscow, Russia
13. **EPSTEIN-BARR VIRUS LMP1 GENE POLYMORPHISM IN PATIENTS WITH LYMPHOPROLIFERATIVE DISEASES IN RUSSIA**  
*O.Pavlish, A. Kovrigina, N.Shalgiskykh, E.Goncharova, L.Scherback, L.Yakovleva, N.Falaleeva, V.Gurtsevitch*  
N.N. Blokhin Cancer Research Center, RAMS, Moscow, Russia
14. **THE ANALYSIS OF THE PRESENCE OF CYTOMEGALOVIRUS AND EPSTEIN-BARR VIRUS IN PROSTATE TISSUE OF THE PATIENTS WITH PROSTATE MALIGNANCY**  
*Klochkova T.G., Andabekov T.T., Shkolnik M.I., Karelin M.I., Evtushenko V.I.*  
CRIRR, Sankt Petersburg, Russia

#### **HIV VACCINE**

15. **NON-STRUCTURAL PROTEIN NS1 OF TICK-BORNE ENCEPHALITIS VIRUS – PERSPECTIVES FOR PRACTICAL MEDICINE**  
*Timofeev A.V., Stephenson J.R.*  
Engelhardt Institute of Molecular Biology RAS, Moscow, London School of Hygiene and Tropical Medicine, London

- 16. TARGETING OF DRUG-RESISTANT HIV-1 REVERSE TRANSCRIPTASE TO PROTEASOME DEGRADATION**  
**Starodubova ES, Boberg A, Wahren B, Karpov VL, Isaguliants MG**  
*Engelhardt Institute of Molecular Biology, Moscow, Russia,  
University of Oslo Centre for Medical Research, Moscow, Russia,  
Swedish Institute for Infectious Disease Control, Stockholm, Sweden,  
Ivanovsky Institute of Virology, Moscow, Russia*
- 17. STUDY OF GENETIC DIVERSITY OF HIV-1 STRAINS AMONG IDUS IN SANKT PETERSBURG, RUSSIA**  
**Chernyaeva E.N., Masharsky A.E., Verevochkin S.V., Gagarina S.Y., Klimov N.A., Kozlov A.P.**  
*The Biomedical Center, Research Institute of Pure Biochemicals, Sankt Petersburg, Russia*
- 18. HIV-1 INDUCES PROLIFERATION OF A SPECIFIC LYMPHOCYTE POPULATION THAT INTERACTS WITH DC-SIGN**  
**Nabatov A.A., Garcia Vallejo J.J., van Kooyk Y., Geijtenbeek T.B.H.**  
*VU Medical Center, Amsterdam, The Netherlands*
- 19. HIV-1 TRANSCYTOSIS, THE INITIAL STEP OF HIV-1 SEXUAL TRANSMISSION, REQUIRES THE FORMATION OF AN AGRIN AND INTEGRIN -DEPENDENT VIROLOGICAL SYNAPSE**  
**Alfsen A., Yu H., Schmitt A. & M. Bomsel**  
*Mucosal HIV entry and Mucosal Immunity; Institut Cochin, Paris, France*
- 20. CONSERVED MEMBRANE PROXIMAL GP41 ECTODOMAIN IS A POTENT VACCINE CANDIDATE FOR ELICITING MUCOSAL IGA THAT EFFICIENTLY BLOCK HIV TRANSCYTOSIS**  
**S. Fleury, R. Zurbriggen. G. Devillers, S. Garcia, Drillet A.S. and Bomsel M.**  
*Mymetics Corp., CH Nyon, Switzerland, Pevion Biotech AG, CH Bern, Switzerland, Becton Dickonson Medical, Grenoble, Cedex France, Institut Cochin, Paris, Cedex, France*

### **EPIDEMIOLOGY AND CLINICAL ASPECTS OF HIV/AIDS AND INFECTIOUS DISEASES**

- 21. THE LEVEL OF SERUM INTERLEUKIN 6 AMONG JUST-HOSPITALIZED TICK-BORN ENCEPHALITIS PATIENTS CAN NOT SERVE AS A PROGNOSTIC MARKER FOR THE ILLNESS.**  
**Toporkova M.G., Aleshin S.E., Ozherelkov S.V., Nadezhdina M.V., Stephenson J.R., Timofeev A.V.**  
*City Centre of Endemic Infections, Eikatherinburg; Engelhardt Institute of Molecular Biology RAS, Moscow; Chumakov Institute of Poliomyelitis and Viral Encephalitides; London School of Hygiene and Tropical Medicine, London*
- 22. NEWLY DISCOVERED HIV-INHIBITORS AS A POTENTIAL COMPONENTS OF HAART**  
**Rytk P.G., Kucherov I.I., Mistryukova L.O., Podolskaya I.A., Korzhev M.O., Abaev A.Yu.**  
*AIDS Laboratory, Research Institute for Epidemiology and Microbiology, Minsk, Republic of Belarus*
- 23. CONFIRMATION OF ACTUALIZATION OF HIV – INFECTION SEXUAL TRANSMISSION**  
**Ardatova L.V.**  
*NHI “Railway clinical hospital at Samara station” “Russian railways”*

24. **THE PREVALENCE OF HEPATITIS C AND B AMONG IDUS IN SANKT PETERSBURG, RUSSIAN FEDERATION**  
**Tolstov Y. L. , Heimer R., Kozlov A. P.**  
*The Biomedical Center, Sankt Petersburg, Russia,  
Department of Epidemiology and Public Health Yale University School of Medicine, New Haven,  
CT, USA*
25. **HIV RISK BEHAVIOUR OF SANKT PETERSBURG MUNICIPAL SKIN-  
VENEREAL DISPENSARY PATIENTS**  
**Dyatlov R.V., Smirnova T.S., Dudko V.Yu., Pinkerton S.D., DiFranchesko W.,  
Kozlov A.P**  
*The Biomedical Center, Sankt Petersburg, Russia*
26. **VAGINAL INFECTIONS AND HIV IN THE POPULATION OF FEMALE  
INTRAVENOUS DRUG USERS**  
**T.V. Krasnoselskikh, M.Yu.Timofeeva, P.V.Girchenko, M.V.Baranova**  
*The Biomedical Center, Sankt Petersburg, Russia*
27. **PREVALENCE OF CHLAMYDIA TRACHOMATIS INFECTION AMONG  
INJECTING DRUG USERS**  
**T.V.Krasnoselskikh, S.V.Verevchkin, M.Yu.Timofeeva**  
*The Biomedical Center, Sankt Petersburg, Russia*
28. **DETECTION OF ANTIBODIES TO HERPES SIMPLEX VIRUS TYPE 2 (HSV-2)  
AND HIV IN THE SERA OF INJECTING DRUG USERS**  
**Krasnoselskikh T.V., Verevchkin S.V., Gagarina S.Yu.**  
*The Biomedical Center, Sankt Petersburg, Russia*
29. **MONITORING OF PREVALENCE AND INCIDENCE RATE OF HIV INFECTION  
AMONG IDUS IN SANKT PETERSBURG, RUSSIA**  
**Verevchkin SV., Timofeeva MYu., Gagarina SYu., Glubokovskaja MM.,  
Krasnoselskikh TV., Toussova OV., Kozlov AP.**  
*The Biomedical Center, Sankt Petersburg, Russia*
30. **GABRIGLOBIN AS A RELAEBLE IMMUNOMODULATOR**  
**Papuashvili M.N.**  
*State Research Center, Institute of Immunology, Moscow, Russia*
31. **USING SELECTIVE SCREENING TO DETECT ACUTE HIV INFECTION IN  
MALAWI**  
**Hoffman I., Powers K., Miller W., Mapanje Y, Martinson F, Pilcher Ch., Fiscus S.,  
Chilongozi D., Namakhwa D., Gama S., Cohen M.**
32. **DIAGNOSTIC SIGNIFICANCE OF PCR METHOD APPLIED FOR HIV-1  
DETECTION. MONITORING OF VIRAL LOAD TO ESTIMATE EFFICACY OF  
CONDUCTED THERAPY**  
**Petrova T.V., Trofimov D.Yu., Papuashvili M.N., Alexeev L.P.**  
*NRC "Institute of Immunology, FMBA of Russia", "DNA-technology, Ltd", Moscow*
33. **SEXUAL HIV TRANSMISSION IN INJECTING DRUG USER POPULATION**  
**Caplinskiene I., Caplinskas S.**  
*Lithuanian AIDS Centre, Vilnius, Lithuania*

34. **SEXUALLY TRANSMITTED INFECTIONS IN LITHUANIA 2005**  
*Caplinskas S., Strujeva O., Treciokas A., Uzdaviniene V.*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*
35. **TRENDS BY TRANSMISSION CATEGORY IN HIV/AIDS IN LITHUANIA (1988-2005)**  
*Caplinskas S., Strujeva O., Treciokas A., Uzdaviniene V.*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*

#### **DRUG USING AND HIV PREVENTION**

36. **HIV RISK BEHAVIOR AND PSYCHIATRIC SYMPTOMS AMONG HEROIN ADDICTS IN SANKT PETERSBURG, RUSSIA**  
*Krupitsky E., Zvartau E., Egorov V., Tsoy M., Burakov A., Masalov D., Verbitskaya E, Didenko T, Romanova T, Neznanov N, Grinenko A, O'Brien C, Woody G,*  
*Sankt Petersburg Scientific-Research Center of Addictions and Psychopharmacology affiliated with Sankt Petersburg State Pavlov Medical University and Bekhterev Research Psychoneurological Institute, Sankt Petersburg, Russia, University of Pennsylvania, Department of Psychiatry and Veterans Affairs Medical Center, Philadelphia, PA, USA*
37. **KNOWLEDGE ABOUT MOTHER TO CHILD (MTC) HIV TRANSMISSION IN POPULATION OF LITHUANIA**  
*Caplinskienė I. Jarasuniene R., Uzdaviniene V., Caplinskas S.*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*
38. **STRENGTHENING OF RESPONSE TO HIV/AIDS EPIDEMIC IN MUNICIPALITIES IN LITHUANIA**  
*Caplinskas S., Stoniene L.*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*
39. **ENCOURAGING INVOLVEMENT OF UNIFORMED SERVICES IN PEER EDUCATION**  
*Stoniene L., Caplinskas S,*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*
40. **THE DISSEMINATION OF SOCIAL INTEGRATION PROGRAM AMONG ORGANIZATIONS WHICH ACTIVITIES TARGETED ON HIV/AIDS EARLY PREVENTION**  
*Kopylova S., Stoniene L. Caplinskas S.*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*
41. **ENGAGEMENT OF YOUTH IN HIV/AIDS PREVENTION USING A CONTEST MODEL**  
*Nagys Z., Stoniene L. Caplinskas S.*  
*Lithuanian AIDS Centre, Vilnius, Lithuania*
42. **DEGRADED ENVIRONMENTS AND SOCIAL CHANGE: THE TRIGGERS OF FOOD INSECURITY AND EVER INCREASING RATES OF HIV INFECTIONS IN SUB-SAHARAN AFRICA**  
*Mastilovic Cali J.*  
*University of North Carolina, Carolina Population Center*