

# THE PROGRAM OF 4-th INTERNATIONAL CONFERENCE

## "AIDS, CANCER and RELATED PROBLEMS"

May 21-25, 1996, St.Petersburg, Russia

### MAY 20-MONDAY

Lobby of Educational Center, 4  
Aerodromnaya Str.

10:00-18:00 Registration

### MAY 21-TUESDAY

Lobby

8:00-10:00 Registration

Large hall

10:00 - 11:00 OPENING CEREMONY

Chairpersons: A.Kozlov,  
Yu.Kalinin

11:00-12:00 HONOURABLE  
LECTURE

SOME SELECT ASPECTS  
OF HIV PATHOGENESIS

R.C.Gallo - Institute of Human  
Virology, University of Maryland  
at Baltimore, Baltimore, USA

12:00 - 13:30 Lunch on your own

### SPECIAL LECTURES

13:30-14:00 CONFERENCE-96: 10  
YEARS OF HIV/AIDS IN RUSSIA

A.P.Kozlov - Association against  
HIV/AIDS; Biomedical Center,  
Institute of Pure Biopreparations,  
St.Petersburg, Russia

14:00 - 14:30 JOINT UNITED  
NATIONS PROGRAM ON HIV/AIDS,  
POLICY AND STRATEGIES

L.Khodakevich - UNAIDS,  
Country Program Adviser Belarus,  
Moldova, Ukraine, Kiev, Ukraine

14:30-15:00 THE MAJOR  
DIRECTIONS OF ACTIVITY FOR  
PREVENTION OF HIV INFECTION IN  
RUSSIA

A.A. Yasinsky - The State  
Committee of Sanitary and  
Epidemiology Control, Moscow,  
Russia

15:00 - 15:30 AIDS AND INJECTION  
DRUG USE: CONTEXTUAL  
VARIABLES AND POLICY  
DETERMINANTS OF THE EPIDEMIC

J.-P.Grund - The Lindesmith  
Center, Open Society Institute,  
New York, USA

15:30-15:50 BREAK

15:50 - 16:20 MOLECULAR  
MECHANISMS FOR THE CONTROL  
OF HIV INFECTION WITH SPECIAL  
REFERENCE TO REGULATORY  
GENE PRODUCTS AS TARGETS

P.Chandra - Frankfurt University  
School of Medicine, Center of  
Biological Chemistry, Laboratory  
of Molecular Biology, Frankfurt,  
Germany

16:20 - 16:40 MOLECULAR  
EPIDEMIOLOGY OF HIV-INFECTION IN  
EASTERN EUROPE

E.V.Karamov - Ivanovski Institute of  
Virology, Moscow

16:40 - 17:00 DNA-HYDROLYZING  
ANTIBODIES FROM SERA OF  
PATIENTS WITH  
LYMPHOPROLIFERATIVE DISEASES

A.G.Gabibov - Engelhard  
Institute of Molecular Biology  
RAS, Moscow, Russia

17:00 - 18:30 PRESS CONFERENCE

**MAIN LOBBY**

10:00 - 17:00 EXHIBITION

**GREEN HALL**

17:00-18:30 EXHIBITION  
LECTURES

MAY 22 - WEDNESDAY**MAIN LOBBY**

9:30 - 13:30 POSTER SESSION

13:30 - 14:00 LUNCH on your own

large hall

**SPECIAL LECTURES**

14:00-14:30 OPPORTUNISTIC  
VIRAL INFECTIONS IN HIV  
DISEASE-UPDATE

A. Morag - Hadassah Medical  
Organization, Clinical Virology  
Unit, Jerusalem, Israel

14:30-15:00 NASBA-BASED  
QUANTITATION OF RNA:  
APPLICATION FOR HIV-1 AND AIDS

M.G.Sarnghadharan - Advanced  
BioScience Laboratories, Inc.,  
Kensington, USA

15:00-19:00 SATELLITE  
SYMPOSIUM 1

COLLABORATIONS OF  
GOVERNMENTAL AND NON-  
GOVERNMENTAL AIDS-  
SERVICE ORGANIZATIONS

Chairpersons: A.Demidov,  
G.Kremenskoi, S.Chaplinskas

**GREEN HALL**

15:00 - 15:30 Special lecture

DESIGN OF A NEW GROUP OF  
NUCLEOTIDES THAT COULD  
PREVENT CELL INFECTION WITH  
HUMAN IMMUNODEFICIENCY  
VIRUS

Krayevsky A.A. - Engelhardt  
Institute of Molecular Biology,  
Russian Academy of Sciences, 32  
Vavilov str., Moscow, 117984

15:30 - 17:00 PLENARY SESSION 1

INHIBITORS OF HIV AND  
TUMOR GROWTH

Chairpersons: P.Chandra,  
A.Krajevsky

17:00 - 19:00 PLENARY SESSION 2

BIOTECHNOLOGY

Chairpersons: Yu.Kalinin,  
E.Sventitsky

**MAIN LOBBY**

10:00-17:00 EXHIBITION

MAY 23 - THURSDAY**LARGE HALL**

9:30 - 13:30 SATELLITE  
SYMPOSIUM 2

HARM REDUCTION: A  
PRAGMATIC PUBLIC  
HEALTH RESPONSE TO AIDS  
AND INJECTING DRUG USE

Chairpersons: J.-P.Grund,  
L.Schpilenia

**GREEN HALL**

9:30-13:30 SATELLITE  
SYMPOSIUMS

BICENTENNIAL OF  
ANTIVIRAL VACCINE

Chairpersons: A.Vorobjov,  
S.Schelkunov

**LIBRARY**

9:30 - 11:30 PLENARY SESSION 3

CYTOKINES

Chairpersons: SA.Ketlinsky,  
A.S.Simbirtsev

13:30 - 14:30 LUNCH on your own

LARGE HALL

SPECIAL LECTURE

14:30 - 15:00 RELATIONSHIP OF  
HIV AND SIV FITNESS AND  
VIRULENCE

J.Goudsmit - University of  
Amsterdam, Academic Medical  
Center, Amsterdam, The  
Netherlands

GREEN HALL

15:00 - 19:00 PLENARY SESSION 4

MOLECULAR VIROLOGY

Chairpersons: J.Goudsmit,  
E.V.Karamov

LARGE HALL

15:00 - 17:00 SATELLITE  
SYMPOSIUM 2

HARM REDUCTION: A  
PRAGMATIC PUBLIC  
HEALTH RESPONSE TO AIDS  
AND INJECTING DRUG USE

Chairpersons: J.-P.Grund,  
L.Schpelenia

17:00 - 19:00 WORKSHOP 1

ACTIVE INTERVENTIONS  
FOR ACTIVE DRUG USERS:  
OUT-RICH, DROP-IN AND  
NEEDLE EXCHANGE

Chairpersons: J.-P.Grund, L.Stern

MAIN LOBBY 10:00 - 17:00

EXHIBITION

MAY 24-FRIDAY

LARGE HALL

9:30 - 13:00 WORKSHOP 2

METHADONE THERAPY

Chairpersons: M.Reisinger,  
G.Latyshev

GREEN HALL

9:30 - 13:00 PLENARY SESSION 5

EPIDEMIOLOGY OF HIV AND  
OPPORTUNISTIC  
INFECTIONS

Chairpersons: V.A.Golikov,  
A.A.Yasinsky

13:00 - 14:00 LUNCH on your own

LARGE HALL

SPECIAL LECTURES

14:00 - 14:30 APOPTOSIS IN THE  
IMMUNE SYSTEM REGULATION

K.P. Hanson, Petrov Institute of  
oncology, St.Petersburg, Russia

14:30 - 15:00 REGULATION OF  
EXPRESSION AND THE BIOLOGICAL  
FUNCTIONS OF TUMOR NECROSIS  
FACTOR AND LYMPHOTOXIN

S.A.Nedospasov 15:00 - 19:00

PLENARY SESSION 6

PATHOGENESIS AND  
CLINICAL PROBLEMS OF  
HIV/AIDS

Chairpersons: V.A.Golikov,  
A.Morag

GREEN HALL

15:00-18:00 SATELLITE  
SYMPOSIUM 4

FUNDAMENTAL ASPECTS OF  
TUMOR GROWTH

Chairpersons: K.P.Hanson,  
V.I.Evtushenko

18:00 - 19:00 PLENARY SESSION 7

FUNDAMENTAL ASPECTS OF  
NARCOLOGY

Chairperson: A.Kuzmin

MAIN LOBBY 10:00 - 17:00

EXHIBITION

**MAY 25-SATURDAY**

**LARGE HALL**

9:30 - 11:30 PLENARY SESSION 8

LABORATORY  
DIAGNOSTICS,  
MONITORING OF HIV AND  
OPPORTUNISTIC  
INFECTIONS

Chairpersons: I.Z. Zaitsev,  
S.V.Verevchkin

**GREEN HALL**

9:30 - 10:30 PLENARY SESSION 9

SAFETY AND  
EFFECTIVENESS OF  
HEMOCOMPONENT  
THERAPY

Chairpersons: S.Matveiev,  
E.Zhiburt

10:30 - 12:30 PLENARY SESSION 10  
EXPERIMENTAL AND  
THEORETICAL BIOLOGY

Chairpersons: S.G.Inge-  
Vechtomov, L.A.Gorlinsky

LARGE HALL

11:30-12:30 MEETING OF THE  
ASSOCIATION AGAINST HIV/AIDS

Chairpersons:  
E.Karamov

A

.Kozlov, 12:30 CLOSING CEREMONY

## **PROGRAM**

### **SPECIAL LECTURES**

#### **SOME SELECT ASPECTS OF HIV PATHOGENESIS**

GALLO R.C.

Institute of Human Virology, University of Maryland at Baltimore, Baltimore, USA

#### **THE CONFERENCE-96: A DECADE OF HTV/ATOS IN RUSSIA**

KOZLOVA.P.

Association Against HIV/AIDS, Biomedical Center, Research Institute of Pure Biochemicals, St.Petersburg, Russia.

#### **JOINT UNITED NATIONS PROGRAMME ON HIV/AIDS, POLICY AND STRATEGIES.**

KHODAKEVICH L.

UNAIDS Intercountry Adviser, Kiev, Ukraine.

#### **THE MAJOR DIRECTIONS OF ACTIVITY FOR PREVENTION OF HIV INFECTION IN RUSSIA**

YASINSKYA.A.

The State Committee of Sanitary and Epidemiology Control, Moscow, Russia

#### **AIDS AND INJECTION DRUG USE: CONTEXTUAL VARIABLES AND POLICY DETERMINANTS OF THE EPIDEMIC**

GRUND J.-P.

The Lindesmith Center, Open Society Institute, New York, USA

#### **MOLECULAR MECHANISMS FOR THE CONTROL OF HIV INFECTION WITH SPECIAL REFERENCE TO REGULATORY GENE PRODUCTS AS TARGETS**

CHANDRA P.

Frankfurt University School of Medicine, Center of Biological Chemistry, Laboratory of Molecular Biology, Frankfurt, Germany

#### **DNA-HYDROLYZING ANTIBODIES FROM SERA OF PATIENTS WITH LYMPHOPROLIFERATIVE DISEASES**

GABILOVA.G.

Engelhardt Institute of Molecular Biology RAS, Moscow, Russia

#### **NASBA-BASED QUANTITATION OF RNA: APPLICATIONS FOR HIV-1 AND AIDS**

ROMANO J.W., SARNGADHARAN M.G.

Advanced BioScience Laboratories, Inc. Kensington, MD, 20895, USA

#### **OPPORTUNISTIC VIRAL INFECTIONS IN HIV DISEASE-UPDATE**

MORAGA.

Hadassah Medical Organization, Clinical Virology Unit, Jerusalem, Israel

#### **RELATIONSHIP OF HIV AND SIV FITNESS AND VIRULENCE**

GOTJDSMIT J.

University of Amsterdam, Academic Medical Center, Amsterdam, The Netherlands

#### **APOPTOSIS IN THE IMMUNE SYSTEM REGULATION**

HANSON K.P.

Petrov Institute of oncology, St.Petersburg, Russia

#### **REGULATION OF EXPRESSION AND THE BIOLOGICAL FUNCTIONS OF TUMOR NECROSIS FACTOR AND LYMPHOTOXIN**

NEDOSPASOV S.A.

Engelhardt Institute of Molecular Biology, Russian Academy of Sciences, Belozersky Institute of Physico-Chemical Biology, Moscow State University, Russia and SAIC Frederick, National Cancer Institute, FCRDC, Frederick, USA

**SATELLITE SYMPOSIUM 1.  
COLLABORATION OF  
GOVERNMENTAL AND NON-  
GOVERNMENTAL AIDS-SERVICE  
ORGANIZATIONS**

**HIV-PREVENTION STRATEGY IN  
ESTONIA**

PRIIIM<sup>TM</sup>GI L.S. \*, RAUDSEPP A. \*\*,  
GRINCHAK M. \*

\* Estonian Association "Anti-AIDS", In-  
stitute of Preventive Medicine, \*\* Estonian  
AIDS Prevention Centre, Tallinn, Estonia

**THE SOCIAL ADAPTATION  
PROBLEMS OF HIV-INFECTED  
PATIENTS**

BAILUK F.N., ZUBOV V.A.

Regional AIDS-center, Murmansk, Russia

**THE DATA ON THE EFFICIENCY OF  
REGIONAL ANTI-HIV PROGRAM**

ARTEMIEV A.K., GAVRILOV A.A.  
Ministry of Health; Regional AIDS pre-  
vention center, Petrozavodsk, Karelia,  
Russia

**TERRITORY CENTRE ON HIV  
PREVENTION AS AN INSTITUTION  
OF NEW TYPE**

LIVSHITS M.L., SULTANOV L.V.  
Kemerov State Medical Academy, Altai  
Regional Centre against AIDS and its pre-  
vention

**THE DIALOGUE. ARE YOU READY  
FOR IT?**

KRIMENSKOI G.A.

Society "We and You", Moscow, Russia

**RUSSIAN CIVIL-MILITARY  
ALLIANCE TO COMBAT HIV AND  
AIDS**

ZMUSHKO E.I.

Military Medical Academy, St.-Petersburg

**ACTIVITY OF PUBLIC ASSOCIATION  
«A SIGHT TO FUTURE" ON  
REALIZATION OF THE PROGRAM  
OF PREVENTIVE MAINTENANCE  
AIDS FOR TEENAGERS**

POPOVA L.,  
SOLOMIN V., VARSHAMOV Y., KHMUROV  
A., KIN B., LAEVSKAYA E. St.Petersburg

**THE PARTICIPATION OF PEOPLE  
LIVING WITH HIV/AIDS IN STRUGLE  
AGAINST AIDS**

NEDZELSKY N.

Foundation "The Names" , Moscow, Rus-  
sia

**ACTIVITIES OF NON-  
GOVERNMENTAL ORGANIZATIONS**

CHAPLINSKAS S., BABEL YTE V.

Lithuanian AIDS Centre

**PROMOTING EDUCATION TO  
PREVENT FURTHER SPREAD OF  
HIV/AIDS IN RUSSIA**

MARKOVA E.

"Ogonyok-Vid-AntiSPID"(AntiAIDS)  
Charity Fund, Moscow, Russia

**HOMOSEXUALS AND HIV: ANALYSIS  
OF SITUATION IN THE COUNTRY**

VINOGRADOV A.E.

Society "We and You", Moscow, Russia

**DEVELOPMENT OF INFORMATION  
NETWORK ON HIV PREVENTION**

FROLOVA O.P.

The State Sanitary and Epidemiology Con-  
trol, Moscow, Russia

**ACTIVE PREVENTION OF SEXUALLY  
TRANSMITTED DISEASES AMONG  
FEMALE SEX WORKERS IN  
KHARKOV**

BABENKO L., RYZHKO P., BEY L.

Kharkov, Ukraine

**LEGISLATIVE PROTECTION OF HTV-  
INFECTED PERSONS**

DIACHENKO A.P.

Society "WE and YOU", Moscow, Russia

**LEGAL ASPECTS OF HIV/AIDS IN  
RUSSIAN FEDERATION**

DEMIDOVA.

Administration of the President of Russia,  
Moscow, Russia

## **POSTER SESSION**

### **51.1. THE FEDERAL LAW ON HIV/AIDS AND GUARANTEES OF HUMAN RIGHTS**

ARTEMIEV A.K., GAVRILOV A.A.  
Ministry of Health; Regional AIDS prevention center, Petrozavodsk, Karelia

### **51.2. AIDS TELEPHONE HOTLINE AS A METHOD FOR HIV/AIDS PREVENTION**

CHERNIKOVA M.G.  
Society "We and You", Moscow, Russia

### **51.3. UNANSWERED QUESTIONS OF HIV/AIDS PREVENTION IN CASE OF SPORADIC DISEASE**

SKOLUBOVICH G.V.,  
ZALIATDINOVT.A., LIPSKAIA N.A.  
Blagovestchensk's governmental medical academy; AIDS prevention center, Blagovestchensk-on-Amur, Russia

### **51.4. THE ORGANIZATION OF MEDICAL CARE FOR THE HIV-**

### **INFECTED PATIENTS AS WELL AS PATIENTS SUFFERED FROM AIDS IN THE ALTAI REGION**

SULTANOV L.V., GRANITOV V.M. Altai regional centre on prevention and against AIDS; Altai State Medical University

### **51.5. THE EXPERIENCE OF ST.PETERSBURG'S AIDS PREVENTION CENTER IN REALIZATION OF EDUCATIONAL STD/AIDS AND OTHER DISEASE PREVENTION PROGRAMS AMONG TEENAGERS**

DAVYDOVA A.A., BOGOYAVLENSKY G.V.  
The City AIDS prevention center, St.Petersburg, Russia

### **51.6. DERMATO-VENEROLOGICAL ASPECTS OF HIV-INFECTIOUS IN MURMANSK REGION**

NEUSTROEV I.G., BAILUK F.N., ZUBOV V.A.  
Regional AIDS Center, Murmansk, Russia

### **51.7. THE PROBLEMS OF DOCTORS EDUCATION ON HIV/AIDS**

GRANITOV V.M., SULTANOV L.V. Altai regional center on prevention and against AIDS; Altai State Medical University

### **51.8. ANNUAL CONFERENCES ON HIV/AIDS AND COORDINATION OF HIV/AIDS EFFORTS IN RUSSIA**

KOZLOVAO.  
Association against HIV/AIDS, St.Petersburg, Russia, 197110.

### **51.9. STUDENTS OF MEDICAL SCHOOLS AND AIDS**

BRONUKAITIS M., LAISHKONIS A., CHAPLINSKAS S. \*  
Kaunas AIDS Centre; \* Lithuanian AIDS Centre

### **51.10. EVOLUTION OF HIV PREVENTION POLICY IN LITHUANIA**

CHAPLINSKAS S., TRECHOKAS A., RAKICKIENE J., VIRMONTENE T.  
Lithuanian AIDS Centre, Vilnius, Lithuania

### **51.11. CAMPAIGN "EUROPE AGAINST AIDS". SUMMER-94 AND SUMMER-95 ESf LITHUANIA**

CHAPLINSKIENE M., CHAPLINSKAS S.  
Lithuanian AIDS Centre, Vilnius, Lithuania

### **51.12. SEX EDUCATION AND AIDS PREVENTION**

DAVIDAVICHIENE A.  
Pedagogical University, Vilnius, Lithuania

### **51.13. EXPERIENCE OF THE PROVINCE WORK**

GECHAITE J.  
Health education centre in Shiauliai AIDS TELEPHONE HOTLINE (+ 370 2 720333)  
ALEKSEJUNAITE G., ZIMUSH S., RAKICKIENE J., BARKOVSKAT., CHAPLINSKAS S.  
Lithuanian AIDS Centre

**51.14. MULTICULTURAL  
EDUCATION IN LITHUANIA USING  
RUSSIAN AS A LINGUA FRANCA**

CHAPLINSKAS S.  
Lithuanian AIDS Centre

**51.15. ACTIVITIES OF THE  
ANONYMOUS TESTING ROOM AT  
LITHUANIAN AIDS CENTRE**

TRECHOKAS A., SAMITOVAS D.,  
KAZLAUSKIENE J., CHAPLINSKAS S.  
Lithuanian AIDS Centre

**51.16. CONDOMS QUALITY  
MONITORING IN LITHUANIA**

ZIMUSH S., CHAPLINSKAS S.  
Lithuanian AIDS Centre

**51.17. SOCIOLOGICAL STUDIES IN  
LITHUANIAN AIDS CENTRE**

GOBERYS V., CHAPLINSKAS S.  
Lithuanian AIDS Centre

**51.18. SUPPORT OF REGIONAL  
INITIATIVE GROUPS WORKING ON  
HIV/AIDS**

BOZHKO L.  
Foundation "The Names" , Moscow, Rus-  
sia

**51.19. CHILDREN AGAINST AIDS**

BRONIUKAITIS M, TIMCHENKIENE J.,  
LAISHKONIS A., CHAPLINSKAS S. \*  
Kaunas AIDS Centre; \* Lithuanian AIDS  
Centre

**51.20. UNDERSTANDING OF AIDS  
AND STD**

CHAPLINSKAS S., TRECHOKAS A.,  
SAMITOVAS D.  
Lithuanian AIDS Centre, Vilnius, Lithua-  
nia

**SATELLITE SYMPOSIUM 2. HARM  
REDUCTION: A PRAGMATIC PUBLIC  
HEALTH RESPONSE TO AIDS AND  
INJECTING DRUG USE**

**HARM REDUCTION IN THE FIELD OF  
AIDS AND DRUG USE: A NEW  
APPLICATION FOR FAMILIAR  
CONCEPT**

GRUNDJ.-P.  
The Lindesmith Center, Open Society In-  
stitute, New York, USA

**THE AMERICAN WAR ON DRUGS: A  
BAD EXPORT**

NADELMAN E.A. The  
Lindesmith Center

**EPIDEMIOLOGICAL PROBLEMS AND  
STRATEGY OF DRUG ABUSE  
TREATMENT IN SAINT  
PETERSBURG**

TAITS B.M., SHPILENYA L. St.Petersburg  
City Narcological Centre, St.Petersburg  
Academy for Postgraduate Education,  
Russia

**HIV INFECTION, INJECTING DRUG  
USE, PUBLIC HEALTH AND DRUG  
POLICY**

WODAK A.  
St. Vincent's Hospital Sydney Limited, Al-  
cohol and Drug Service, Sydney, Australia

**HIV INFECTION EPIDEMIOLOGY IN  
UKRAINE AMONG INJECTION DRUG  
USERS**

KOBYSCHA Yu., SHCHERBINSKAYA A.,  
KRUGLOV Yu., ANDRUSHCHAK L.,  
GOREGLYAD N.  
Kyiv, Ukraine

**DRUG POLICIES IN EASTERN  
EUROPE. IMITATING THE WEST IS  
NOT INTELLIGENT DRUG POLICY**

COHEN P.  
University of Amsterdam, Amsterdam,  
The Netherlands

**NARCOPOLICY IN ST.PETERSBURG**

LATYSHEVV.O.  
Administration of St.Petersburg,  
St.Petersburg, Russia

**SYRINGE EXCHANGE: KEY FINDINGS AND FUTURE DIRECTIONS**

PAONE D.

Beth Israel Medical Center, Chemical Dependency Institute, New York, NY, USA

**FIRST STEPS IN HIV PREVENTION IN THE LITHUANIAN DRUG-USERS COMMUNITY**

GASILIAUSKAS L., CHAPLINSKAS S.  
Lithuanian AIDS Centre

**METHADONE AND OTHER THERAPIES**

REISINGER M.  
Bruxelles, Belgium

**NARCOPOLICY IN RUSSIA**

SAVELIEVA V.  
International Association against drugs and narcobusiness, St.Petersburg, Russia

**ALCOHOLISM, DRUGS AND HIV-INFECTION**

KLASKALA W.<sup>1,2</sup>, GARCIA R.<sup>2</sup>, SHOR-POSNER G.<sup>2</sup>, BAUM M.<sup>2,1</sup> Ministry of Health, Colombia;<sup>2</sup> Department of Epidemiology and Public Health, University of Miami School of Medicine

**POSTER SESSION**

**52.1. DRUG USE IN ST.PETERSBURG AND HARM REDUCTION**

BORODKIN Y., VASSILIEV Y., KOR-CHAOINA G.  
St.Petersburg, Russia

**52.2. CHANGE OF THE ATTITUDES TO DRUGS CONSUMPTION IN YOUTH ENVIRONMENT**

PQPOVA L., VARSHAMOV Y., SOLOMIN V., KORCHAGINA G., VASILIEV Y.  
St.Petersburg

**52.3. CLINICAL PECULIARITIES OF WOMEN ALCOHOLISM**

KOZYREV S.  
Barnaul, Russia

**52.4. ETIOLOGY AND THE SIGNS OF VIRUS HEPATITIS IN DRUG ADDICTS**

OBERT A.S., BELIH S.I., IVANOV I.V. Altai State Medical University; Altai regional center on prevention and fight against AIDS

**52.5. COMPLICATIONS OF CHRONIC ALCOHOLISM**

NEDZVED M., GOUZOY S., ZORKO A.  
Medical Institute of Minsk

**52.6. THE RESULTS OF FIELD OBSERVATION OF INJECTION DRUG USERS**

KRUGLOVA I., KITTELSEN Jo, AN-DRUSHCHAK L., KOBYSHCHA YU.  
Kiev, Ukraine; Oslo, Norway

**SATELLITE SYMPOSIUM 3. BICENTENNIAL OF ANTIVIRAL VACCINE**

**JENNER'S DISCOVERY AND GLOBAL SMALLPOX ERADICATION**

MARENNIKOVA S.S. State Research Center of Virology and Biotechnology VECTOR, Koltsovo, Russia

**MOLECULAR-BIOLOGICAL STUDIES OF SMALLPOX AND VACCINIA VIRUSES**

SHCHELKUNOV S.N.  
SRCVB "Vector", Koltsovo, Novosibirsk region, Russia

**IMMUNE-BIOLOGICAL PREPARATIONS: THE PRESENT AND THE FUTURE**

VOROBYEV A.A., PETROVAL.L, NES-VIZHSKYYU.V.  
I.M.Setchenov Moscow Medical Academy, Moscow, Russia

**RECOMBINANT VACCINES AGAINST ONCOGENIC VIRAL INFECTIONS**

ALTSTEIN A.D.  
Institute of Gene Biology RAS, Moscow, Russia

**DESIGN OF ARTIFICIAL T AND B CELL EPITOPE CONTAINING PROTEIN TBI, CANDIDATE FOR HIV-1 VACCINE**

EROSHIN A.M., SMOLINA M.I.,  
POKROVSKY A.G., IGNAT'EV G.M.,  
LEBEDEV L.P., EROSHINA G.A.  
SRC VB "Vector", Koltsovo, Novosibirsk  
Region, Russia

**DEVELOPMENT OF VACCINES AGAINST HEMORRHAGIC FEVERS**

IGNATYEV G.M., AGAFONOVA P.,  
KALIBEROV S.A., STRELTSOVA M.A. SRC  
VB "Vector", Koltsovo, Novosibirsk  
Region, Russia

**INFORMATIONAL IMMUNITY TO BOVINE LEUKAEMIA VIRUS (BLV) IN TRANSGENIC ANIMALS**

TIKHONENKO T.I.  
Institute of Agricultural Biotechnology,  
Moscow, Russia

**POSTER SESSION**

**53.1. MULTIPLE IMMUNIZATION WITH ATTENUATED POXVIRUS HIV-2 RECOMBINANT VACCINES IS NECESSARY FOR THE PROTECTION OF RHESUS MACAQUES**

MYAGKIKH M.<sup>1,5</sup>, ALIPANAH S.<sup>1</sup>,  
MARKHAM P.D.<sup>2</sup>, TARTAGLIA J.<sup>3</sup>,  
PAOLETTI E.<sup>3</sup>, GALLO R.C.<sup>1,4</sup>, FRANCHINI  
G.<sup>1</sup>, ROBERT-GUROFF M.<sup>1</sup>  
<sup>1</sup>Laboratory of Tumor Cell Biology, DBS,  
NCI, NIH, Bethesda, MD, USA;  
<sup>2</sup>Advanced Bioscience Laboratories, Inc.,  
Kensington, MD, USA; <sup>3</sup>Virogenetic Cor-  
poration, Troy, NY, USA; <sup>4</sup>Present ad-  
dress: Institute of Human Virology, Uni-  
versity of Maryland at Baltimore, Balti-  
more, MD, USA; <sup>5</sup>Present address: Mos-  
cow Institute of Medical Ecology, Moscow,  
Russia

**53.2. AUTO VACCINES FOR TREATING OF OPPORTUNISTIC INFECTIONS WITHIN AIDS**

SHAPIRO A.V., RYBALKO S.L., VA-  
SILENKO L.G., MARKOV I.S., ANTONIAK  
S.N., CHUMAKA A. L. V. Gromashevsky  
Institute of Epidemiology & Infectious  
Diseases, Kyiv, Ukraine

**SATELLITE SYMPOSIUM 4. MOLECULAR AND FUNDAMENTAL ASPECTS OF TUMOR GROWTH**

**DIFFERENTIATION OF HEMATOPOIETIC CELLS AND FAS-APO-MEDIATING APOPTOSIS**

BARYSHNIKOV A.Yu.  
Cancer Research Center of the RAMS,  
Moscow

**ONCOPROTEINS AS MOLECULAR MARKERS OF HISTOGENESIS, DIFFERENTIATION AND PROGRESSION OF CERVICAL CARCINOMAS**

MAZURENKO N.N., PETROV S.V.\*  
GASPARIAN N.M., GRITSKO T.M. Cancer  
Research Centre, Moscow, Kazan Medical  
Institute\*

**AN ANTIGEN, IMMUNOLOGICALLY RELATED TO GP52 MMTV - A SPECIFIC MARKER OF HUMAN MAMMARY CARCINOMA**

MALIVANOVA T., KRYUKOVA I., MAKHOV  
P., POLEVAYA E. Oncol. Sci. Center  
RAMN Russia, Moscow

**MOLECULAR-BIOLOGICAL STUDY OF E7 HPV TYPE 16 GENE ON IMMORTALIZED RAT EMBRYONIC FIBROBLASTS**

ZHURBITSKAYA V.A., KISELYOVAN.P.,  
KISELYOV F.L.  
Oncological research centre of RAM,  
Moscow

**CHILDREN WITH BURKITT'S-TYPE B-CELL LYMPHOSARCOMA CONTAIN MASON-PHIZER MONKEY VIRUS HOMOLOGOUS SEQUENCES**

KZHYSHKOWSKA J., PORTJANKO N.,  
KURMASHOV V., KISELEV A., OSTASHKIN  
A., ILYIN K.  
Cancer Research Center RAMS, Moscow

**TNFA MICROSATELLITE ALLELIC FREQUENCY AND ALLELIC IMBALANCE IN PATIENTS WITH CERVICAL CANCER**  
SAMOYLOVA E.V., PETROV S.V.<sup>2</sup>, KOZACHENKO V.P.<sup>3</sup>, TUPITCIN N.N.<sup>4</sup>, GRATCHEV A.N.<sup>1</sup>, KISSELJOV F.L. Dept. Molecular Biology of Viruses, Cancer Research Center, Moscow, 1 -Engelhardt Institute of Molecular Biology, Moscow, 2-Kazan State Medical University, Kazan, 3-Dept. of Gynecology, Cancer Research Center, Moscow, 4-Dept. of Clinical Immunology, Cancer Research Center, Moscow

**CHARACTERIZATION OF (GGC)<sub>n</sub> - ELEMENT WHICH IS CORE COMPONENT OF COMPOSITE ELEMENTS FOUND IN REGULATORY REGIONS OF HUMAN GENES IMPORTANT FOR ARTERIOPATHY DEVELOPMENT**  
PEREVOZCHIKOV A.P., ORLOV S.V., KURYSHEV V.YU., DIZHE E.B., KUTEJKIN K.B., GOLUBEVD.B.\*  
Institute of Experimental Medicine, RAMN; St.Petersburg, Russia; \* Bio-Virus Inc., N.Y.; USA

**THE EFFECT OF TNF ON THE ONSET OF SEPTIC SHOCK. THE FIRST EXPERIENCE OF PENTOXIPHYLLIN INHIBITION OF TNF**  
GRINEV M.V., KULIBABA D.M., MEDVEDEV V.G., PIVOVAROVAL.P., NOVOZILOV V.N., ARISKINA O.B.  
St.Petersburg I.I.Djanelidze Research Institute of Emergency Medicine (Director - professor M.V.Grinev)

**HLA-DRB ALLELE DISTRIBUTION IN CHRONIC MYELOID LEUKEMIA PATIENTS DIFFERS FROM THAT ONE IN HEALTHY DONORS**  
LYSCHOVA.A., ILIUSHIKE.S., KOMOCHKOVI.V., SMIRNOVAT.A., PLUZHNIKOVA G.F., AFANASIEV B.V., ZARITSKIY A.Yu. AND HANSON K.P.  
N.N. Petrov Institute of Oncology, St.-Petersburg; Clinical Center of Advanced Medical Technologies (Hospital N'31), St.-Petersburg

## POSTER SESSION

**54.1. THE STUDY OF BIOLOGICAL PROPERTIES OF A NEW STRUCTURAL ANALOG OF TUMOR NECROSIS FACTOR-ALPHA**  
DANILENKO E.D., LEBEDEV L.R., MERZLIKINN.V., FEDOSOVA L.K., PUSTOSHILOVAN.M., MASYCHEVA V.I.  
Research Design and Technology Institute of Biologically Active Substances SRC VB "Vector", Berdsk, Novosibirsk Region, Russia

**54.2. THE EFFECT OF RECOMBINANT TUMOR NECROSIS FACTOR-ALPHA ON FUNCTIONAL MACROPHAGE ACTIVITY OF MICE WITH TRANSPLANTED KREBS TUMOR**  
FADINA V.A., DANILENKO E.D., SY-SOYEVA G.M.  
Research Design and Technology Institute of Biologically Active Substances, SRC VB "Vector", Berdsk, Novosibirsk Region, Russia

**54.3. MORPHOLOGICAL FEATURES OF HERPES INFECTION IN BRAIN TUMOR PATIENTS**  
KHMARA M.E., NEDZVEDZ M.K., OLESHKEVICH F.V., DUBOYISKAYA G.P., KOLOMIETS A.G.  
Belarus Institute of Epidemiology and Microbiology, Minsk

**54.4. DYNAMICS OF SYNTHESIS AND EXPRESSION OF TGF-BETA BY ACTIVATED MACROPHAGES**  
ZUBOVA S.G., STUF I.Yu., BICOVA T.V., SHEHAMIROVA LI., NJAGULOVD.F., DANILOV A.O., OKULOV V.B. Research Institute of oncology, 189646, St.-Petersburg, Russia

**54.5. IMMUNOLOGICAL VARIANTS OF ELASTIC CRISIS OF CHRONIC MYELOID LEUKEMIA**  
MIKHAILOVA I.N., TURKINA A.G., LOOACHEVA N.P., SOKOLOVA M.A., KHOROSHKON.D., BARYSHNIKOVA.YU.  
Cancer Research Center of the RAMS, Moscow, Russia

**54.6. THE EXPRESSION OF FAS(APO-1/CD95) RECEPTOR MEDIATING THE APOPTOSIS ON THE PERIPHERAL BLOOD LYMPHOCYTES IN PATIENTS WITH MALIGNANT AND BENIGN GYNAECOLOGICAL DISEASES**

METELTSIA I.S., LAZAREVAN.L., CHINAREVA I.V., POLOSUKHINA E.R., BUROVAO.S., LUKASHINA M.I., SHISHKIN Yu.V., BARYSHNIKOVA.YU. Cancer Research Center of the RAMS, Moscow

**54.7. PROGNOSTIC MEANING OF FAS(APO-1/CD95) RECEPTOR, MEDIATING APOPTOSIS IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA EXPRESSION**

SHISHKIN J.V., TUPICYN N.N., MAYAKOVA S.A., TENUTA M.R., GAVRIKOVAN., BARYSHNIKOVA.YU. Cancer Research Center of the RAMS, Moscow

**54.8. FAS(APO-1/CD95) ANTIGEN EXPRESSION ON THE CELLS OF MULTIPLE MYELOMA PATIENTS**

POLOSUKHINA E.R., ZABOTINA T.N., MITINA T.A., TENUTA M.R., GOLENKOV A.K., SHISHKIN J.V., BARYSHNIKOV A.Y. Cancer Research Center of the RAMS, Moscow

**54.9. PRODUCTION AND CHARACTERISTIC OF ICO-160 MONOCLONAL ANTIBODIES DIRECTED TO FAS(APO-1/CD95) ANTIGEN MEDIATING APOPTOSIS**

POLOSUKHINA E.R., ZABOTINA T.N., IVANOV P.K., SHELEPOV V.P., SHISHKIN J.V., BARYSHNIKOV A.Y. Cancer Research Center of the RAMS, Moscow

**54.10. ULTRASTRUCTURAL AND IN SITU HYBRIDIZATION STUDY OF CERVICAL CANCER**

MANYKIN A.A.,\* FRANK G.A.,\*\* ZAVALISHENA L.E.\*\*, GUSCHINA E.A.,\* EFREMOVA E.V.\*\*\*

\* Ivanovsky Institute of Virology RAMS, \*\* Herzen Institute of Oncology, \*\*\* Institute of Immunology, Moscow, Russia

**54.11. ANEUPLOIDY AND PROLIFERATIVE ACTIVITY AS INDICATORS OF AGGRESSIVENESS OF ENDOMETRIAL CANCER**

BYCHKOVAN., MESHKOVA I., POZHARISKI K. All-Russian Centre of Ecological Medicine; Professor N.N.Petrov Research Institute of Oncology, St-Petersburg, Russia

**54.12. THE INFLUENCE OF THE WEAK STATIC MAGNETIC FIELDS ON THE HUMAN BLOOD CELLS OF THE PATIENTS WITH LEUCOSIS DISEASE**

ZHUKOVSKY A.P., ROVNOVN.V., TJAGOTIN Yu.V., RYBALCHENKO O.V., PETROV L.N. St. Petersburg State University; Research Institute of Highly Pure Biopreparations. Sankt-Petersburg, Russia

**54.13. ALTERNATIVE SPLICING OF MDM2 GENE TRANSCRIPTS IS REGULATED DURING DIFFERENTIATION OF TERATOCARCINOMA CELL LINE F9**

OSIPOV K.A., KISLYAKOVA T.V., POSPELOV V.A. Institute of Cytology, Russian Academy of Science, St. Petersburg 194064, Russia

**54.14. ANALYSIS OF THE EXPRESSION OF P53 GENE IN EMBRYONAL TERATOCARCINOMA CELL LINE F9 AFTER  $\gamma$ -IRRADIATION**

ORLOVSKAYA E.I., OSIPOV K.A., MALASHICHEVA A.B., KISLYAKOVA T.V. AND POSPELOV V.A. Institute of Cytology, Russian Academy of Sciences, St-Petersburg 194064, Russia

**54.15. FUNCTIONING OF THE P53-WAF/CIP TUMOR SUPPRESSOR PATHWAY IN RAT EMBRYO FIBROBLASTS IMMORTALIZED BY E1A ONCOGENE AND TRANSFORMED BY E1A+HA-RAS ONCOGENES.**

KURASH Yu.K., OSIPOV K.A., PETROVA V.O., POSPELOVAT.V., POSPELOV V.A. Institute of Cytology, Russian Academy of Sciences, St-Petersburg 194064, Russia.

**54.16. EXPRESSION OF HUMAN ENDOGENOUS RETROVIRUS-K MRNA AND REVERSE TRANSCRIPTASE ACTIVITY IN PRIMARY HUMAN BREAST CANCER CELL STRAINS**

MYAGKIKH M.<sup>1,3</sup>, SGAGIAS M.K.<sup>2</sup>, DANFORTH D.N.<sup>2</sup>, ROBERT-GUROFF M.<sup>1</sup>  
1- Laboratory of Tumor Cell Biology, NCI, NIH, Bethesda, MD, USA; 2-The Surgery Branch, NCI, NIH, Bethesda, MD, USA; 3- Moscow Institute of Medical Ecology, Moscow, Russia

**54.17. HLA-DRB ALLELE DISTRIBUTION IN APLASTIC ANEMIA PATIENTS**

KAPUSTIN S.I., BLINOV M.N., POPOVA T.I., SMIRNOVA T.A., PLUZHNIKOVA G.F., HANSON K.P., LYSCHOV A.A.  
Institute of Hematology and Transfusiology, St.-Petersburg; N.N.Petrov Institute of Oncology; Clinical Center of Advanced Medical Technologies (Hospital N'31), St.-Petersburg.

**54.18. DETECTION OF T(9,22) CHROMOSOME TRANSLOCATION BY RT-PCR**

SIDOROVA J.Yu., BLINOV M.N., LYSCHOV A.A., SALTYSKOVA L.B., PLUZHNIKOVA G.F., RUDENKO V.I., AFANASIEV B.V., HANSON K.P.  
Institute of Hematology and Transfusiology; N.N. Petrov Institute of Oncology; Clinical Center of Advanced Medical Technologies, St.-Petersburg.

**54.19. LYMPHOTILIN-INDUCED CHANGES IN BINDING ETIDIUM BROMIDE TO DNA AND TUMORAL CELL GROWTH IN CULTURE**

TYAGOTIN Yu. V., VAKHITOV T.YA., RYBAKOVA L.P.  
Research Institute of Highly Pure Preparations, Russian Research Institute of Hematology and Transfusiology, St.Petersburg, Russia

**54.20. THE CLONING OF DIFFERENTIALLY EXPRESSED GENES**

EMELJANOV A. V., NABATOV A.A., MASHARSKY A.E., KozLov A.P.  
Institute of pure biochemicals, St.Petersburg, Russia

**54.21. CLONING OF HIGHLY REPETITIVE SEQUENCE DERIVED FROM MOUSE cDNA LIBRARY BY PCR-AMPLIFICATION WITH ETS-1 SPECIFIC PRIMER**

YAKUBOVICH E.I., EVTUSHENKO V.I.  
Research Institute of Roentgenology and Radiology, St.Petersburg, Russia

**54.22. HLA-DR ANTIGEN DISTRIBUTION IN PSORIATIC PATIENTS OF NORTH-WEST REGION OF RUSSIA**

TOGO A.V., LYSCHOV A.A., KAPUSTIN S.I., IMYANITOV E.N., HANSON K.P., MOSHKALOVA.V.  
N.N. Petrov Research Institute of Oncology, St-Petersburg; Institute of Hematology and Transfusiology, St.-Petersburg; St.-Petersburg Medical Academy of Post-Graduate Studies.

**SESSION 1. INHIBITORS OF HTV AND TUMOR GROWTH**

**DESIGN OF A NEW GROUP OF NUCLEOTIDES THAT COULD PREVENT CELL INFECTION WITH HUMAN IMMUNODEFICIENCY VIRUS**

KRAYEVSKY A.A., DYATKINA N.B., ARZUMANOVA.A., SEMIZAROV D.G., VICTOROVA L.S., SHIROKOVA E.A., KUKHANOVA M.K.  
Engelhardt Institute of Molecular Biology, Russian Academy of Sciences, 32 Vavilov str., Moscow, 117984

**INHIBITORS OF TOPOISOMERASES AS INDUCERS OF APOPTOSIS: A STRATEGY FOR THE SEARCH AND SELECTION OF ANTITUMOR DRUGS**

VASHCHENKO V.L., CHUKHLOVIN A.B., VASHCHENKOT.N., ROZHDESTVENSKAYA E.N.  
Medical Military Academy and N.N.Petrov Research Institute of Oncology, St.-Petersburg, Russia

**ASSESSMENT OF HIV-INHIBITORS  
COMBINATION UPON AZT-  
RESISTANT HIV-1 STRAINS  
REPLICATION BY QUANTITATIVE  
PCR**

KOZLOVA A.V., PASHKOVA T.A. \*,  
ABELIAN A.V., KORNIŁAYEVA G.V.,  
YOLOV A.A., KOZLOV A.P. \*\* AND  
KARAMOV E.V. \*

Moscow State University, Inst. of Physico-  
Chemical Biology; \* D.I.Ivanovsky Insti-  
tute of Virology; \*\* Institute of Pure  
Chemicals, St.Petersburg, Russia

**THE V3-LOOP AND C-TERMINUS OF  
GP120 HIV-1 ARE THE TARGETS FOR  
THE ANTIVIRAL ACTION OF  
SULPHATED POLYSACCHARIDES**

KORNIŁAYEVA G.V.<sup>1</sup>, MEŠCHERYAKOVA  
D.V.<sup>2</sup>, GAMZAZADE A.E.<sup>3</sup>, ANDREEV  
S.M.<sup>2</sup>, SHCHEĽKANOV M.Yu.<sup>1</sup> AND  
KARAMOV E.V.<sup>1</sup>

<sup>1</sup> D.I.Ivanovsky Institute of Virology;<sup>2</sup> In-  
stitute of Immunology;<sup>3</sup> Institute of Nu-  
trition Compounds, Moscow, Russia

**EXPERIMENTAL AND CLINICAL  
TEST-SYSTEM (ECS) FOR THE  
EVALUATION OF ANTI-HIV  
THERAPY EFFICIENCY DUE TO THE**

**MODEL OF PATIENT PMBC *IN  
VITRO***

SAKHURIA I.B.<sup>1</sup>, IVANNIKOV E.B.<sup>2</sup>,  
SHCHEĽKANOV M.Yu.<sup>1</sup>, PASHKOVA T.A. <sup>1</sup>,  
KORNIŁAYEVA G.V.<sup>1</sup>, GORBACHEVA  
B.C.<sup>2</sup>, GOLIKOV V.A.<sup>2</sup> AND KARAMOV  
E.V.<sup>1</sup>

<sup>1</sup> D.I.Ivanovsky Institute of Virology;<sup>2</sup>  
Moscow Clinical Infection Hospital N 2,  
Moscow, Russia

**ON THE MECHANISM OF SEHYDRIN  
ACTION**

FILOV V.A.

Institute of Oncology, Saint Petersburg

**ANTI-HIV ACTIVITY OF  
DERIVATIVES OF P-GLYCYRRHIZIC  
ACID**

PLYASUNOVA O.A., POKROVSKY A.G.,  
\*BALTINA L.A., TOLSTIKOV G.A. State  
Research Center of Virology and  
Biotechnology "Vector", Koltsovo, Russia,  
"Institute of Organic Chemistry Ural  
Branch Academy of Sciences, Ufa, Russia

**MINIANTIBODY AGAINST CANCER  
CELL MARKER - HUMAN FERRITIN  
IN BACTERIAL CELLS**

DEEV S.M., SHIYANOV P.A., BESPALOV  
I.A., KORNEVA I.N., PASKHIN A.I.  
Engelhardt Institute of Molecular Biology  
RAS, Moscow, Russia

**NOVEL SYNTHETIC ANTIVIRAL  
DRUGS**

NOSKOV F., TRAVKIN O., YAKOVLEVA E.,  
BOUYANOVA E., KATSALUKHA V.  
Department of molecular biology, St-  
Petersburg Pasteur Institute; Sci. Res.  
Comp. "Meditere", St.Petersburg

**POSTER SESSION**

**1.1. ANTIVIRAL ACTIVITY OF  
SEVERAL BIOLOGICAL AND  
CHEMICAL PREPARATIONS IN  
HERPESVIRUS AND  
CYTOMEGALOVIRUS INFECTIONS**

ALEXANDROVAN.N., EVSTROPOV A.N.,  
GLINSKIKH N.P.  
Ekaterinburg Research Institute of Viral  
Infections; Novosibirsk Medical Institute

**1.2. THE IONIC CHANNELS  
MODULATORS AS AN ANTITUMOR  
SUBSTANCES**

PARKHOMENKON.T., KUKSENOK A.M.,  
IATSENKO L.N.  
A.V.Palladin Institute of Biochemistry,  
Kiev, Ukraine

**1.3. NOVEL ETHERAL MONOSACCHARIDE DERIVATIVES AND THEIR PHARMACOLOGICAL ACTIVITY**

YAKOVLEVA E., TRAVKIN O. Scientific Research Center of Ecological Security; St. Petersburg Sci. Res. Comp. "Meditere", St. Petersburg

**1.4. HYDROPHOBIC DERIVATIVES OF N-ACRIDONACETIC ACID**

TRAVKIN O.V., YAKOVLEVA E.V., VIKTOROVSKI I.V., KHOROSHKO L.O. Sci. Res. Center of Ecological Security RAS, St. Petersburg; Sci. Res. Comp. "Meditere", St. Petersburg

**1.5. STUDY OF ANTITOXIC EFFECT OF THE WATER-DISPERSIBLE BETA-CAROTENE PREPARATION IN COMPLEX CHEMOTHERAPY OF PATIENTS WITH MALIGNANT TUMORS**

LISIAANSKAYA A.S., MANIKHAS G.M., ZELDOVICH D.R., KUZMINA L.P., KIRSAANOVA S.F., AVTUSHENKO S.S., SOROKIN E.M., SMIRNOVA L.F. Town Oncologic Clinic, State Research Institute of Highly Pure Biopreparations (St. Petersburg, Russia)

**1.6. THERAPEUTIC AND PROPHYLACTIC EFFICIENCY OF LIPOSOMAL PREPARATIONS OF ALPHA-INTERFERON, INTERLEUKIN-1BETA AND BETA-CAROTENE IN EXPERIMENTAL INFLUENZA INFECTION**

AVTUSHENKO S.S., SOROKIN E.M., SMIRNOVA L.F., KETLINSKY S.A., SIMBIRTSEVA S., KONUSOVA V.G. State Research Institute of Highly Pure Biopreparations, Russia

**1.7. RECOMBINANT SAPROPHYTES IN THERAPY OF MALIGNANT TUMORS**

CKERDYNTSEVAN.V., SHCHEPETKIN I.A., LITVYAKOVN.V., BELYAVSKAYA V.A.\* Oncology Research Institute, Tomsk Research Centre, Tomsk, Research Design and Technology Institute of Biologically Active Substances, SRC VB "Vector", Novosibirsk Region, Berdsk, Russia

**1.8. BRANCHED POLYNUCLEAR TETRAZOLE SUBSTRATA IN THE SYNTHESIS OF MODIFIED NUCLEOSIDES**

ZUBAREV V.Yu., MALIN A.A., OSTROVSKII V.A. St. Petersburg State Institute of Technology, St. Petersburg, Russian Federation

**1.9. USING THE BONE MARROW PEPTIDES IN THERAPY OF HIV-INFECTION**

ZMUSHKO E.I., MIKHALTSOV A.N. Military-medical academy, St. Petersburg, Russia

**1.10. ANTI-HIV ACTIVITY AND CONFORMATIONAL ANALYSIS OF SOME PIPERIDINE DERIVATIVES**

GRISHINA G.V., CHUMAKOV T.I., PALYULIN V.A., ZEFIROV N.S., PASHKOVA T.A., ABELIAN A.V., KARAMOV E.V. Department of Chemistry, Moscow State University, Moscow; D.I. Ivanovsky Institute of Virology, RAMS, Moscow, Russia

**1.11. HIV-1 AZT-RESISTANCE SHOULD TAKE INTO ACCOUNT THE CELL METABOLISM**

PASHKOVA T.A., SAKHURIA I.B., KORNILAYEVA G.V., SHCHELKANOV M.Yu., KARAMOV E.V. D.I. Ivanovski Institute of Virology, RAMS, Moscow

## **SESSION 2. BIOTECHNOLOGY**

### **NEW SYSTEMS DRUG FOR DELIVERY AND TECHNOLOGY OF THEIR PRODUCTION**

SVENTITSKY E.N., AVTUSHENKO S.S.,  
BOLDYREV A.G., SABETSKY V.A.  
Institute of Pure Biopreparations,  
St.Petersburg, Russia

### **BLOOD AND CEREBRAL FLUID TREATMENT BY CELLULOSE BASED SORPTION MATERIALS**

BOLDYREV A.G., MARTJUSHIN S.V. State  
institute of highly pure bioprepara-tions,  
Saint Petersburg, Russia

### **SYNTHETIC PEPTIDES FOR CREATION OF DIAGNOSTIC KITS FOR INFECTIOUS DISEASES**

KOLOBOVA A., MUCOMOLOVS L.,  
PLOTNIKOVA V.A., ARTUKHOV A.I.,  
RODIN S.V., ZUBOV S.V., PIMENOV V.K.,  
KAUROV O.A.  
"Verta", St.-Petersburg, Pasteur Institute,  
St.-Petersburg, "Aquapast", St.-Petersburg,  
"Preparat", Nizny Novgorod

### **REAGENT KITS FOR HUMAN CYTOKINS QUANTITATIVE DETERMINATION PROCON SERIES**

PIVOVAROVA M.  
Protein contour, Ltd., St.-Petersburg,  
Russia

### **DEVELOPMENT OF TECHNOLOGY FOR PRODUCTION OF RECOMBINANT HUMAN ERYTHROPOIETIN**

DURMANOVN.D., ZAITSEV I.Z., ZELENIN  
M.G., KOLOBKOV S.L., KOROBITSIN L.P.,  
KRAMEROVA I.A., PIVOVAROV A.M.,  
FILATOV I.A., FILJAKINAN.S. Moscow  
Plant of Bacterial Preparations, Research  
Center of Medical Biotechnology,  
Moscow; Protein Contour Ltd., St.  
Petersburg

### **EXPRESSION OF ATISENSE RNA AND RIBOZYME GENES WITHIN THE GENOMES OF RECOMBINANT ADENOVTRUSES**

DORONIN K.K., ZAKHARCHUK A.N.,  
BABURINA T.M., NARODITSKY B.S. All-  
Russia Research Institute of Agricultural  
Biotechnology, Moscow

## **POSTER SESSION**

### **2.1. SYMMETRICAL DISULPHIDES AND A NEW METHOD OF THEIR PREPARATION**

TRAVKIN O.  
Scientific Research Center of Ecological  
Security, St-Petersburg; Sci. Res. Comp.  
"Meditere", St-Petersburg

### **2.2. POLYMER CONJUGATE CONTANING LH-RH ANALOGUE AS A VECTOR FOR A TARGETING OF 5-FLUOROURACBL**

SEMKO T.V., BUROV S.V., VLASOV G.P.  
Institute of Macromolecular Compounds  
of Russian Academy of Science, Bolshoy  
prospect 31,199004, St.-Petersburg, Russia

### **2.3. IMMOBILIZATION ON GAS-LIQUID SURFACE FOR CONTINUOUS ETHANOL PRODUCTION**

POL YAK JU.M., SIZOV A.M.  
Scientific Research Centre for Ecological  
Safety, Research Institute for Hydrolysis of  
Plant Materials, St.Petersburg, RUSSIA

### **2.4. THE INFLUENCE OF AERATION AND REDOUX-POTENTIAL OF THE ENVIRONMENT ON THE BIOSYNTHESIS OF ANTIBIOTICS IMBRICINE**

SUHAREVICH M.E., MEDVEDEVAN.G.,  
BORISOVA O.G., RYBALCHENKO O.V.  
Scientific Research Centre for Ecological  
Safety of RAS; State Research Institute of  
Highly Pure Biopreparations St.Petersburg,  
RUSSIA

**2.5. THE USE OF DNA-POLYMERASE FROM *THERMUS THERMOPHILUS* IN THE REVERSE TRANSCRIPTION**

EVTEEVA I.N.,<sup>1</sup> KULICHKOVA V.A.,<sup>1</sup> LOONOVA N.V.,<sup>2</sup> EMELJANOV A.V.<sup>3,1</sup>  
Institute of Cytology, St.Petersburg, Russia;<sup>2</sup> Ivanovsky Institute of Virology, Moscow, Russia;<sup>3</sup> Institute of Pure Biopreparations, St.Petersburg, Russia.

**2.6. DESIGN OF THE REFERENCE IMMUNOPLATE WITH IMMOBILIZED RECOMBINANT ANTIGENS HIV-1,2**

KANEV A.N., VOROB'EVA M.S., MAKSYUTOV A.Z., SMERDOVA M.A., USOVA S.V., LOMANOVA G.A. State Research Center of Virology and Biotechnology "Vector", Koltsovo, Novosibirsk region; Tarasevich State Research Institute of Standardization and Control of Medical Biological Preparations, Moscow

**2.7. HYPERIMMUNE RABBIT SERA AS POSITIVE SAFE CONTROL FOR TEST-SYSTEM BASED ON SYNTHETIC PEPTIDES**

MENSHIKOVA A. Yu., BUROV S.V., LISOK T.P., AND VLASOV G.P. Institute of macromolecular compounds, Russian Academy of Sciences, "Avicenna Ltd.", St-Petersburg

**2.8. INFLUENCE OF THE METHOD OF ANTIGENIC DETERMINANTS IMMOBILIZATION ON LATEX PARTICLES ON THE EFFICIENCY OF HIV-1 AND HIV-2 ANTIBODY DETECTION BY LATEX-AGGLUTINATION TEST**

MENSHIKOVA A. Yu., SHABSELS B.M., PANKOVA G.A., ILINA I.E., EVSEEVA T.G., BUROV S.V., AND VLASOV G.P. Institute of macromolecular compounds, Russian Academy of Sciences, St-Petersburg

**2.9. OBTAINING OF PEROXIDASE CONJUGATES CONTAINING RECOMBINANT HIV PROTEINS**

VERGUN L., ZAVELEVITCH M.P., CHUMAKR.M., MARTYNENKO D.L. Scientific-industrial enterprise "Diaproph", Kyiv, Ukraine

**2.10. REGULATION OF MICROBIAL POPULATIONS IN AQUEOUS SYSTEMS**

SORVIN S.V., RovNovN.V., RY-BALCHENKO O.V. State Research Institute of Highly Pure Biopreparations, Scientific Research Centre for Ecological Safety of RAS St.Petersburg, RUSSIA

**2.11. PANEL OF POLYCLONAL ANTIBODIES TO INDIVIDUAL PROTEINS OF HIV-1 AND HIV-2**

KANDRUSHIN E.V., PYRINOVA G.B., KAZARINOVA F.S., OFITSEROV V.I. ISC "Vector-Best", Koltsovo, Novosibirsk region

**2.12. SYSTEM FOR NON-INSTRUMENTAL DIAGNOSTICS FOR HIV-INFECTION**

RAYEV M.B., AMBROSOV I.V.\* Institute of Ecology and Genetics of Microorganisms of Ural Branch of RAS, Perm; "Peptos", Moscow

**2.13. NEW ALGORITHM FOR SPECTRUM ANALYSIS OF BIOMOLECULES AND ITS APPLICATIONS**

LYANGOUZOVA.YU., PETROVAT.A. State Research Institute of Highly Pure Biopreparations, St-Petersburg; Department of Biochemistry, St.-Petersburg State University

### **SESSION 3. CYTOKINES**

#### **IMMUNOTHERAPEUTIC APPLICATION OF RECOMBINANT HUMAN INTERLEUKIN-1p**

SIMBIRTSEV A.  
Research Institute of Highly Pure Biopreparations, St.Petersburg, Russia

#### **THE STUDY OF THE MECHANISM OF BIOLOGICAL STUDY OF CYTOKINE LEVELS IN BLOOD SERA OF PATIENTS DURING TREATMENT WITH RECOMBINANT INTERLEUKIN-1p**

KOTOV A.Y., PROKOPIEVA E.D., SIMBIRTSEVA.S.  
State Research Institute of Highly Pure Biopreparations, St.Petersburg, Russia

#### **STUDY OF MECHANISM OF LOCAL ACTION OF IL-1p DURING TREATMENT OF PATIENTS WITH CHRONIC WOUNDS**

VARIOUSHINA E.  
State Research Institute of Highly Pure Biopreparations, St.Petersburg, Russia

#### **PROINFLAMMATORY CYTOKINES AND COMPLEMENT LEVELS IN SERA OF PREMATURE INFANTS WITH HYPERBILIRUBINEMIA**

SHATILLO I.M.  
Belorussian Research Mother and Child Health Care Institute, Minsk

#### **EXPRESSION OF HUMAN IL-8 RECEPTOR TYPE 1 IN MURINE FIBROBLASTS BALB3T3 AND CHARACTERIZATION OF THE EXPRESSED PROTEIN**

TIKHONOV I.I., FOMIN I.K., DOROSHENKO T.M., CHALY Y.V., VOITENOK N.N.  
Institute of Hematology & Blood Transfusion, Bellarussian Fund of Fundamental Studies, Minsk, Belarus

#### **ACTIVITY OF A NEW IMMUNOMODULATORY SUBSTANCE**

PIGAREVAN.V., KALININAN.M., SIMBIRTSEV A.S.  
Research Institute of Highly Pure Biopreparations, St.Petersburg, Russia

#### **THE INFLUENCE OF SYNTHETIC PEPTIDE "BS" ON PRODUCTION OF IMMUNOGLOBULIN E IN EXPERIMENT IN VIVO**

NESTEROVA I.V., KOLESNIKOVA N.V., LOMTATIDZEL.V., SYMBIRTSEV A.S.  
Kuban Medical Academy, Krasnodar; Institute of High Pure Biochemicals, St. Petersburg

### **POSTER SESSION**

#### **3.1. DYNAMICS OF MACROPHAGE RESPONSE TO ACTIVATION AND ITS ROLE IN PATHOGENESIS OF TUMOUR GROWTH**

ZUBOVA S.G., DANILOV A.O., OKULOV V.B.  
Research Institute of oncology, 189646, St.-Petersburg, Russia.

#### **3.2. THE REGULATING INFLUENCE OF MYELOPEPTIDE, HEXAPEPTIDES MP-1 AND MP-2 TO DYSFUNCTION OF NEUTROPHILS IN EXPERIMENT**

NESTEROVA I.V., KOLESNIKOVA N.V., SVETLICHNAYA M.A., CHUDILOVA G.A.  
Kuban Medical Academy, Krasnodar

#### **3.3. EFFECT OF LYMPHOTILIN ON HEMOPOIETIC AND LYMPHOID CELLS**

TYAGOTIN Yu.V., RYBAKOVA L.P.  
Research Institute of Highly Pure Preparations, Russian Research Institute of Hematology and Transfusiology, St.-Petersburg

**3.4. PROTECTIVE EFFECT OF NEUTRALIZING ANTIIL-8 ANTIBODY ON ISCHEMIA/REPERFUSION TISSUE INJURY**

MELIK-EGALOV F.R., GROMOVA N., ZOLOTAREVA E.N., VOITENOK N.N.  
Fund for Molecular Hematology & Immunology, Medical Stomatology Institute, Moscow

**3.5. THE EFFECT OF HUMAN DEFENSIN HNP-1 ON PRODUCTION OF TNF- $\alpha$ , IL-1 $\beta$  AND IL-8 BY HUMAN MONOCYTES**

CHALY Y.V., KOLESNIKOVA T.S., VOITENOK N.N.  
Foundation for Fundamental Research of Republic of Belarus, Institute of Hematology, Minsk, Belarus

**3.6. DEMONSTRATION OF OLIGOMERIC STRUCTURE OF HUMAN TNF AND IL-8 AT PHYSIOLOGICAL CONCENTRATION BY HOMOLOGOUS ELISA**

PETYOVKA N.V., LYAKH L.A., VOITENOK N.N.  
Foundation for Fundamental Research of Republic of Belarus, Institute of Hematology, Minsk, Belarus

**3.7. CYTOKINE PRODUCTION DURING DEVELOPMENT AND TREATMENT OF EXPERIMENTAL TUBERCULOSIS**

ZABOLOTNYH N.V., ALEXANDROVA A.E., PROKOPIEVA E.D., PIGAREVAN V.  
Research Institute for Phthisiopulmonology State Research Institute of Highly Pure Biopreparations, St.-Petersburg

**3.8. USE OF RIL-1 AND RIL-2 IN TREATMENT OF IMMUNODEFICIENCY CAUSED BY M.TUBERCULOSIS INFECTION OF MICE**

ZABOLOTNYH N.V., ALEXANDROVA A.E., ANTONENKOVA E.V. St.-Petersburg  
Research Institute of Phthisiopulmonology

**3.9. STUDY OF THE SERUM LEVEL IL-1 $\beta$  AND TNF- $\alpha$  OF THE INFANTS BORN 5 YEARS LATER AFTER THE CHERNOBYL'S CATASTROPHE WHO LIVE NOW IN THE ECOLOGICALLY DEFECTIVE AREAS OF THE REPUBLIC OF BELARUS**

ZAFRANSKAYA M.M., SIMBIRTSEVA S., BOIKO Yu.N.  
The International Sakharov Institute of Radioecology, Minsk, The Scientific-Research Institute of High Pure Biopreparations, St.-Petersburg, The Scientific-Research Mother and Child Care Institute, Minsk

**3.10. PURIFICATION AND PROPERTIES OF BACTERIALLY SYNTHESIZED HUMAN GRANULOCYTE-MACROPHAGE COLONY STIMULATING FACTOR**

ROMANOV V.P., GILEVA I.P., ZERNOV Y.P., NESTEROV A.E., EROSHKIN A.M., PUSTOSHILOVA N.M.  
State Scientific Center of Virology and Biotechnology "Vector", Novosibirsk, Russia

**3.11. PROGNOSTIC ROLE OF CYTOKINES IN ESTIMATION OF THE TREATMENT EFFECTIVITY IN GENERALIZED CHLAMYDIOSIS**

POZNAK A.L., LOBZIN U.V., SIMBIRTSEV A.S., KUTUEVA F.R., ZEROV Yu.P.  
Medical military academy, Institute of highly pure biopreparations, St.Petersburg, Russia

**3.12. IDENTIFICATION AND CHARACTERIZATION OF C3A RECEPTOR SITES ON HUMAN ASTROCYTES**

<sup>1</sup>ISCHENKO A.M., <sup>1</sup>ANDREEV S.V., <sup>2</sup>ZHAKHOV A.V., <sup>2</sup>KLJUBIN I.V., <sup>3</sup>SCHUFT M.-T., AND <sup>3</sup>FONTAINE M.  
<sup>1</sup>State Research Institute of Highly Pure Biopreparation, St.Petersburg, Russia.  
<sup>2</sup>Institute of Cytology, RAS. <sup>3</sup>INSERM U-78, Bois-Guillaume, France

#### **SESSION 4. MOLECULAR VIROLOGY**

##### **HUMAN T-CELL LEUKEMIA VIRUS (HTLV-I): BIOLOGICAL, VIROLOGICAL AND MOLECULAR BIOLOGICAL CHARACTERISTICS**

GURTSEVITCH V.

Cancer Research Center, Moscow, Russia

**FITNESS OF AZT-RESISTANT MUTANTS IN VIVO** GOUDSMITH J.  
University of Amsterdam, Academic Medical Center, The Netherland

##### **MOLECULAR MODEL OF HIV PENETRATION INTO CELL**

KARAMOV E.

Ivanovsky Institute of Virology, Moscow, Russia

##### **HUMAN HERPESVIRUS 8 (HHV8) AND KAPOSI'S SARCOMA**

WHITBY D., BOSHOFF C., MATTHEWS S., TALBOT S., SHULZT.F., REEVES J., AND WEISS R.A.

Virology Team, Chester Beatty Labs, The Institute of Cancer Research, London, UK

##### **HIV-1 SUBTYPE "B" DIVERSITY IN ST.PETERSBURG, RUSSIA**

EMELJANOVA.<sup>1</sup>, MALYKH A.<sup>2</sup>, BARABITSKAYA O.<sup>2</sup>, VEREVOCHKIN S.<sup>1</sup>, FARZADEGAN H.<sup>3</sup>, REITZ M.C., JR<sup>2</sup>, KqzLovA.i

<sup>1</sup> Biomedical Center for AIDS, Cancer and Related Problems, Research Institute of Pure Biochemicals, St.Petersburg, Russia; <sup>2</sup> Laboratory of Tumor Cell Biology, National Cancer Institute, National Institute of Health, Bethesda, Maryland 20892; <sup>3</sup> Johns Hopkins University, School of Public Health, Baltimore, Maryland 21218

##### **GENETIC SUBTYPES OF HIV-1 IN FINLAND, THE BALTIC COUNTRIES AND RUSSIA**

LHTSOLA K., LAUKKANEN T., SALMINEN M., LEINIKKIP.

National Public Health Institute, Helsinki, Finland

##### **THE INFLUENCE OF SINGLE AMINO ACID SUBSTITUTIONS IN THE V3<sub>0</sub>-SUBTYPE-MIMICKING PEPTIDES ON IMMUNODOMINANCE AND SEROLOGICAL CROSS-REACTIVITY WITH OTHER SUBTYPES**

YAROSLAVTSEVAN.G., SHCHELKANOV M.Yu., YUDIN A.N., NAVRUZBEKOV G.A., SEMILETOV Yu.A. AND KARAMOV E.V.

D.I.Ivanovsky Institute of Virology, Moscow, Russia

##### **SEROTYPE HETEROGENECITY ANALYSIS OF HIV-1-POSITIVE SERA FROM THE TERRITORY OF BYELORUSSIA**

YUDIN A.N., SHCHELKANOV M.Yu., YAROSLAVTSEVA N.G., EREMIN V.F.% SEMILETOV Yu.A. AND KARAMOV E.V. D.I.Ivanovsky Institute of Virology, Moscow, Russia; \* Institute of Epidemiology and Microbiology, Minsk, Byelorussia

##### **BIOLOGICAL PROPERTIES OF HIV STRAINS ISOLATED IN BELARUS**

EREMIN V.F., PYZHOVAN.S., KUCHEROV I.I., KVACHEVA Z.B., PODOLSKAJA I.A., KRAPIVINA S.V., PETROVICH I.V., RYTIK P.G.

Byelorussian Research Institute for Epidemiology & Microbiology; Medical Institute, Minsk, Belorussia.

##### **RATE IN HIV-1 ENV C2V3 CORRELATES WITH RAPID DECLINE IN CD4+ CELL NUMBERS IN**

**INFECTED INFANTS** STRUNNIKOVA N.<sup>1</sup>, RAY S.<sup>1</sup>, VISCIDI R.<sup>1</sup> AND LANZOV V.<sup>2</sup> Johns Hopkins University Medical School, Baltimore, USA<sup>1</sup>, Institute of Nuclear Physics, Russian Acad. Sci., Gatchina, Russia<sup>2</sup>.

##### **SPECIFIC DEGRADATION OF RNA OF HIV AND C-MYC ONCOGENE: NEW MECHANISM OF RNA**

**DEGRADATION IN VITRO** ITKES A.V. Inst. of Molecular Biology, Vavilov str. 32, 117984 Moscow

**A PRIMARY T-LYMPHOCYTE DERIVED HIV-1 TAT DEPENDENT PROTEIN KINASE PROMOTES ACTIVATION OF CAK KINASE AND RNA POLYMERASE II CTD PHOSPHORYLATION**

NEKHAI S.<sup>1</sup>, SHUKLAR.<sup>1</sup>, MIKOVITZ J.<sup>2</sup>, KUMAR A.<sup>1</sup>  
<sup>1</sup> Department of Biochemistry and Molecular Biology, George Washington University and <sup>2</sup> National Cancer Institute, Frederick, MD

**THE HIV-1 V3 LOOP INTERACTS WITH MEMBRANE LIPIDS**

ANDREEV S.M.,\* PETRUKHINA A.,\* SLEPUSHKIN V.,\*\* DISGINESN.,\*\* VAFINA M.,\* ANDREEV I.\* \* Institute of Immunology, Moscow, Russia; \*\* University of the Pacific, School of Dentistry, San Francisco, CA, USA

**POSTER SESSION**

**4.1. DESIGN OF TECHNOLOGY FOR OBTAINING PROTEIN AS A CANDIDATE FOR HIV VACCINES**

LEBEDEV L.R., EROSHKIN A.M., GILEVA I.P.

State research center of virology and biotechnology "Vector", Koltsovo, Novosibirsk region, Russia

**4.2. OPTIMIZATION OF HIV-1 ISOLATION FROM BLOOD OF ASYMPTOMATIC HIV-POSITIVE PATIENTS**

BARBASHOVA E.V.  
Institute of Epidemiology and Infection Diseases, Kiev, Ukraine

**4.3. INFLUENCE OF INFLUENZA VIRUS ON HIV-1 EXPRESSION IN VITRO**

ANTONENKOC V., BARBASHOVA E.V., MOCHALIN L.A., GREEN E.V., KRAVCHENKO O.N. Institute of Epidemiology and Infection Diseases, Kiev, Ukraine

**4.4. THE COLLECTION OF THE AZT-RESISTANT HIV-1 STRAINS**

PASHKOVA T.A., KORNILAYEVA G.V., PAPUASHVILLI M.N.\* , SHCHELKANOV M.Yu., ABELIAN A.V., YAROSLAVTSEVA N.G. AND KARAMOV E.V. D.I.Ivanovsky Institute of Virology; \* Institute of Immunology, Moscow, Russia

**4.5. COMPLEX NATURE OF HIV-SPECIFIC CYTOPATHOLOGY: CYTOTOXICITY AND CYTOPATHOGENICITY**

ABELIAN A.V., KOZLOVA A.V.\* , KADOSHNIKOV Yu.P., PASHKOVA T.A., KORNILAYEVA G.V., YOLOVA A.A. AND KARAMOV E.V.  
D.I.Ivanovsky Institute of virology, Moscow, Russia; \* Moscow State University, Inst. of Physic-Chemical Biology

**4.6. STRUCTURAL AND DYNAMIC CHARACTERISTICS OF LIPOPROTEIN MEMBRANES OF HIV-1 VIRIONS AND HIV-1-INFECTED CELLS**

KORNILAYEVA G.V., CHUMAKOV V.M., SHCHELKANOV M.Yu. AND KARAMOV E.V.

D.I.Ivanovsky Institute of Virology, Moscow, Russia

**4.7. COMPARATIVE ANALYSIS OF THE EFFICIENCY OF DIFFERENT STATISTIC APPROACHES FOR SEROTYPING WITH THE HELP OF EPITOPE-MIMICKING PEPTIDES**

SHCHELKANOV M.Yu., YUDIN A.N., YAROSLAVTSEVA N.G., MARTOVITSKY D.V. AND KARAMOV E.V.

D.I.Ivanovsky Institute of Virology, Moscow, Russia

**4.8. HIV-1 SPECIFIC IMMUNE RESPONSE INDUCED BY COMPOSITE PEPTIDES COMBINING HIV-1 AND HETEROLOGOUS T-CELL EPITOPES**

ISAGULIANTS M.G.<sup>1,2</sup>, RUDEN U.<sup>1</sup>, WAHRENB.<sup>1</sup>

<sup>1</sup>Department of Virology, Swedish Institute for Infectious Disease Control, Stockholm, Sweden; <sup>2</sup>D.I.Ivanpovsky Institute of Virology, Moscow, Russia

**4.9. THE USING HMA FOR HIV-1 GENOTYPING IN ST.-PETERSBURG.**

NABATOV A.A., MASHARSKY A.E.,  
EMELJANOV A.V., KOZLOVA.P.  
Institute of Pure Biopreparations,  
St.Petersburg, Russia

**4.10. PEPTIDES DERIVED FROM THE INTERFERON-INDUCED PKR PREVENTS ACTIVATION OF PKR BY HIV-1 TAR -RNA**

<sup>1</sup>NEKHAI S., <sup>2</sup>KUMAR A., <sup>3</sup>BOTTARO D.,  
<sup>1</sup>PETRYSHYN R.  
<sup>1</sup>The Center for Cancer and Transplantation Biology, Children's National Medical Center, department of Biochemistry and Molecular Biology, School of Medicine, George Washington University, and <sup>3</sup>NCI/LCMB

**4.11. CELL MODELS FOR THE INVESTIGATION OF CD4-INDEPENDENT HIV VIRUS ENTRY**

PASHKOVA T.A., REVAZOVA E.S.\*,  
BARYSHNIKOV A.Yu.\* AND KARAMOV E.V.  
D.I.Ivanovsky Institute of Virology; \* Cancer Research Center, Moscow, Russia

**SESSION 5. EPIDEMIOLOGY OF HIV AND OPPORTUNISTIC INFECTIONS**

**HIV EPIDEMIC IN MOSCOW**

GOLIKOV V.A., PANKOVA G.Yu.,  
KOVALKOVA S.A., GERASIMOV I.V.  
City AIDS Center, Moscow, Russia

**CHARACTERISTICS OF HIV/AIDS EPIDEMIC IN ST.PETERSBURG DURING 10 YEARS OF FOLLOW UP.**

VOLKOVA G.V.<sup>1</sup>, STEPANOVA G.S.<sup>1</sup>,  
KuTASovAT.B.<sup>1</sup>, EMELJANOV A.V.<sup>2</sup>,  
VEREVOCHKIN S.V.<sup>2</sup>, KOZLOV A.P.<sup>2</sup> The  
City Sanitation Supervising Center<sup>1</sup>,  
Institute of Pure Biopreparations<sup>2</sup>,  
St.Petersburg, Russia.

**HIV INFECTION IN ODESSA REGION**

NEMTSOV A.V., NOVOSVITNY V.S., PENIN O.I.  
Region AIDS Center, Odessa, Ukraine

**EPIDEMIOLOGICAL SURVEY OF HIV-INFECTION IN BELARUS**

RYTİK P.G., KUCHEROV I.I.,  
PODOLSKAYA I.A., EREMIN V.F.,  
GLASOVSKY V.A., BABIN A.F.  
Byelorussian Research Institute for Epidemiology & Microbiology

**THE RESULT OF FIELD OBSERVATION FEMALE SEX WORKERS BEHAVIOR (FSW)**

ANDRUSCHAK L., LAKHUMALANI V.,  
KOBYSCHA U., KHODAKEVICH L.,  
RYZHKO L., TKACH I. Kiev, Kharkiv,  
Odessa - Ukraine; Calcutta  
- India

**PROBABILITY OF PNEUMOCYSTOSIS OF HTV+ PATIENTS**

KARAGASN.V., \* RYBALKINAT., \*  
EVSEEVAL., \* MANYKINA., \*\*  
RAYGOZA-ANAYA M. \*\*\*  
\* Gamaleya Inst. of Epidem. Microb.,  
\*\*Ivanovsky Inst. of Virology., Moscow,  
Russia, \*\*\* Inst. Region, de Invest. en  
Salud Publica. Univ. Guadalajara, Mexico

**HIV EPIDEMIOLOGICAL SITUATION IN LITHUANIA**

ZIMUSH S., RAKICKIENE J., GRISH-  
KEVICHUS A.  
Lithuanian AIDS Center

**INTERACTION BETWEEN AIDS AND SEXUALLY TRANSMITTED DISEASES**

CHAPLINSKAS S., TRECHIOKAS A.,  
SAMITOVAS D. Lithuanian AIDS  
Center

**TRENDS OF HIV INFECTION IN CASES OF TUBERCULOSIS**

KLASKALA W.<sup>1</sup>, SosAC.<sup>2</sup>, BAUM M.<sup>1,1</sup>  
Department of Epidemiology and Public  
Health School of Medicine university of  
Miami,<sup>2</sup> Fogarty International Training  
Program University of Miami, Miami,  
USA

**THE EPIDEMIOLOGIC ASSOCIATION: HERPES AND HIV**  
KLAŠKALA W.<sup>1</sup>, SOSA C.<sup>2</sup>, BAUM M.<sup>1</sup>, WOOD CH.<sup>3</sup>

<sup>1</sup> Department of Epidemiology and Public Health School of Medicine university of Miami, <sup>2</sup> Fogarty International Training Program University of Miami, <sup>3</sup> Department of Neurology University of Miami, Miami, USA

**POSTER SESSION**

**5.1. PROGNOSIS OF HIV/AIDS IN REGION**

SKOLUBOVICH G.V., ZALYATDINOV T.A., LIPSKAYA N.A.  
The State Medical Academy, AIDS Center, Blagoveshensk, Russia

**5.2. THE MODEL FOR PROGNOSING OF THE HIV EPIDEMICS IN ESTONIA**

USTINA V., MAL IGIN S.\*, MAL IGINA I., M<sup>TM</sup>RTIN J., TAMMAI L., PRIIM<sup>TM</sup>GI L.\*  
AIDS Center of Estonia, Institute of Preventive Medicine\*, Tallinn, Estonia

**5.3. STUDY OF PREVALENCE OF A HCV-INFECTION AMONG HIV-INFECTED PATIENTS OF UKRAINE**

MAXIMENOK E.V., KISLYKH E., TCHENTSOVA N., ZELENECKAYA K., ROSHCENKO L.  
Center for AIDS Prevention, Kiev, Ukraine

**5.4. HEPATITIS C IN THE KYRGHYZ REPUBLIC**

USMANOVR.K., KUTUKEEV.T.S., KUCHUK T.E., GLINENKO V.M., KHAMZAMULIN R.O. Institute of Prophylactics and Medical Ecology, National Station of Blood Transfusion, Bishkek, Kyrgyz Republic

**5.5. CLINICAL AND EPIDEMIOLOGICAL FEATURES OF HIV-INFECTION IN MURMANSK REGION (1990-1995)**

KOZHEVNIKOVA V.L., BAYLUK F.N., ZUBOV V.A.  
AIDS Center, Murmansk, Russia

**5.6. THE GRAPHIC DATABASE OF THE HIV/AIDS SPREADING**

KOUDRIAVDTSEV V.V., SAFYANNIKOV N.M., SISKOVICH T.I. Joint-Stock Enterprise " Innovations of St.-Petersburg Institutes and Enterprises"

**5.7. STATEMENT OF THE BALTIC STD CLUB**

STRANDEL A., CHAPLINSKAS S. National Institute of Public Health, Sweden; Lithuanian AIDS Center, Lithuania

**5.8. MODELING AND ANALYSIS OF THE HIV/AIDS SPREAD**

DZEMYDA G., TIESHIS V., SHALTENIS V., CHAPLINSKAS S.\*  
Institute of Mathematics and Informatics, Vilnius, Lithuania; ""Lithuanian AIDS Center, Vilnius, Lithuania

**5.9. ACUTE VIRAL HEPATITIS B - EPIDEMIOLOGICAL MODEL OF HIV INFECTION**

DROZDOVA O.M., NESTEROV S.V.  
Kemerovo State Medical Academy; Regional Center of AIDS Prophylactics

**SESSION 6. PATHOGENESIS AND CLINICAL PROBLEMS OF HIV/AIDS**

**INTERLEUKIN-1 BETA (BETALEUKIN) AS A PROTECTOR AND STIMULATOR OF LEUKOPOEZIS AFTER-EFFECTS OF CANCER CHEMOTHERAPY**

GERSHANOVITCH M.L., KETLINSKY S.A., DANOVA L.A., SIMBIRTSEV A.S. Institute of oncology, St.Petersburg, Russia

**CYTOMEGALOVIRUS AND AIDS: CURRENT PERSPECTIVE OF THERAPY**

PARISI A., MALFITANO A., CALDERON W., SACCHI P., BRUNO R., PATRUÑO S.F.A., ACHILLI G., FILICE G. University of Pavia, Italy

**HTLV-1 ASSOCIATED  
MYELOPATHY: ANALYSIS OF 213  
PATIENTS BASED ON CLINICAL  
FEATURES AND LABORATORY  
FINDINGS**

SUEHARA M., NAKAGAWA M., ARIMURA  
K., OSAME M.  
Third Department of Internal Medicine,  
Kagoshima University School of Medicine,  
Kagoshima, Japan

**IMMUNOLOGICAL AND  
VIROLOGICAL MARKERS OF AIDS  
PROGRESSION**

MARICHEV I., ANTONENKO S., BAR-  
BASHEVA E., PROTSAP E., GRIN E.,  
KRAVCHENKO O.  
Ley Gromashevski Research Institute of  
Epidemiologi & Infectious Diseases, Kiev,  
Ukraine

**DETECTION OF HIV-INFECTION  
AMONG TUBERCULOSIS PATIENTS**

ALEKSEEVA L.P.  
Tuberculosis Hospital No. 11, Moscow,  
Russia

**SOME CLINICAL PATTERNS OF HIV-  
INFECTION IN UKRAINE**

VOVK A.D., SHTCHERBINSKAYA A.M.,  
ANTONIAK S.N.  
Ley Gromashevsky Institute of Epidemiol-  
ogy & Infectious Diseases, Kyiv, 252038,  
Ukraine

**CYTOKINES ROLE IN  
IMMUNOPATHOGENESIS OF HIV  
INFECTION**

KALININAN.M.  
Research Institute of Pure Bioprepara-  
tions, St.Peterburg, Russia

**DISEASES CAUSED BY AIDS-  
ASSOCIATED PARASITES IN  
UKRAINE**

LOKTIEVA I.M., ANTONIAK S.N.,  
PADCHENKO I.K., NETREBKO I.D., VOVK  
A.D., SOPIL A.V., POGORELTCHUKT.YA.  
Ley Gromashevsky Institute of Epidemiol-  
ogy & Infectious Diseases, Kyiv, 252038,  
Ukraine

**CONDITION OF IMMUNOLOGICAL  
RESISTANCE OF ORGANISM BY  
PATIENTS WITH HERPES ZOSTER**

BELYANSKAYA I.G., SOLOGUB T.V.,  
KIRPICHNIKOVA G.I., REMEZOV A.P.  
Infection Botkin-Hospital, Medical Aca-  
demia of Sanitarie and Hygiene, Medical  
Academia of Postgraduate Studies, St. Pe-  
tersburg

**NEUROLOGIC DISTURBANCES OF  
DIFFERENT STAGES OF HIV-  
INFECTION**

PROTAS I.I., ROSSAN.A., LINNIKOVA  
G.D.  
Byelorussian Research Institute for Epi-  
demiology and Microbiology, Republican  
Centre for AIDS Prevention, Minsk, Re-  
public of Belarus

**IMMUNOLOGICAL ASPECTS OF HIV  
INFECTED PATIENTS USED OPIUM-  
MORPHINE EXTRACT**

USYCHENKON.YU., PENIN O.I.  
Regional AIDS prevention Center, Odessa,  
Ukraine

**RECOMBINANT ERYTHROPOIETIN  
THERAPY OF ANAEMIA  
ASSOCIATED WITH AIDS AND  
CANCER**

DURMANOVN.  
Moscow Plant of Bacterial Preparations

**EFFECTIVENESS OF  
ERITROPOIETTIN FOR PATIENTS  
WITH KIDNEY INSUFFICIENT**

GUREVICH K.YA., KONSTANTINOV YU.V.,  
FALEEVA S.I.  
City Center of haemocorrection,  
St.Petersburg, Russia

**PULMONARY DAMAGE  
ASSOCIATED WITH  
CRYPTOMENINGITIS IN HIV-  
INFECTED**

GYAURGIEVA O.H., MAKHOV G.KH.  
Medical Academy for Postgraduate  
Training; Hospital for Infectious Diseases  
No.30, St.Petersburg, Russia

## **POSTER SESSION**

### **6.1. BIOCHEMICAL CHARACTERISTICS OF SYNDROME OF INTOXICATION AT AIDS PATIENTS AND ITS CORRECTION**

GROMASHEVSKAYA L., LOOYNOVAT., MARKOV I., MIRONOVA N.  
L.Gromashevsky Institute of Epidemiology & Infectious Diseases, Health Ministry of Ukraine, Kyiv, 252038, Ukraine

### **6.2. IMMUNOPATHOLOGICAL ASPECTS OF RECURRENT HERPESVIRUS INFECTION AND PRINCIPLES OF PATHOGENETIC THERAPY**

ALEXANDROVA N.N., GLINSKIKH N.P., SAVUSHKINA V.K., NEKRASOVA T.S., USTIANTSEVI.V.  
Ekaterinburg Research Institute of Viral Infections

### **6.3. CLINICAL MANIFESTATIONS OF TOXOPLASMOSIS IN HIV-INFECTED PATIENTS**

ANTONIAK S.N., NETREBKO I.D., VOVK A.D., LOKTIEVA I.M.  
Lev Gromashevsky Institute of Epidemiology & Infectious Diseases, Kyiv, 252038, Ukraine

### **6.4. TOXOPLASMA GONDH - A POSSIBLE HIV PARTNER OF IMMUNODEFICIENCY BEGINNING**

NETREBKO I.D., LOKTIEVA I.M., NOOATCHEVSKI I.I.  
Lev Gromashevsky Institute of Epidemiology & Infectious Diseases, Kyiv, 252038, Ukraine

### **6.5. THE ROLE OF AUTOIMMUNE MECHANISMS IN T-HELPER DESTRUCTION UNDER AIDS**

GRUTMAN M., PARKHOMENKO L., CHERNYSHOV V., TYMOKHINA L., GALANINA I.  
The Research Institute of Epidemiology and Infectious Diseases, Kiev, Ukraine

### **6.6. INTERLEUKIN TNF-a OF HIV/AIDS-PATIENTS**

PETROVITCH I., REBENOK J., BORT-KEVITCH L.  
Minsk, Belarussian State Medical Academy of Postgraduate Education

### **6.7. ULTRAVIOLET SPECTRA OF SOME BLOOD COMPONENTS IN HIV CARRIERS AND AIDS PATIENTS**

DANILENKO I.I., KURYK M.V.  
L.Gromashevski Institute of Epidemiology & Infective Disease, Kyiv, Ukraine

### **6.8. BLOOD PHOSPHOLIPIDS IN AIDS PATIENTS AND HIV CARRIERS**

DANILENKO I.I., KURYK M.V., NOVITSKI V.A., MOGILEVSKI L.YA., BOSHTCHENKO YU.A.  
L.Gromashevski Institute of Epidemiology & Infective Disease, Kyiv; Odessa Pest Control Station, Ukraine

### **6.9. EARLY DETECTION OF AIDS CASES IN PATIENTS WITH PNEUMONIA SYNDROME**

RUDENKO A.A., SCHERBINSKAJA A.M., MURAVSKAJA L.V., VOVKA D., PARHOMETS B.A., ANTONIAK S.N. Lev Gromashevski Research Institute of Epidemiology & Infectious Diseases, Kiev, Ukraine

### **6.10. PROGNOSIS AND TREATMENT OF NERVOUS SYSTEM LESIONS IN PATIENTS WITH HIV-INFECTION**

REMEZOV A.P., NEVEROV V.A., PARKHOMENKO S.I., OSETRON B.A.  
Medical Academia of Postgraduate Studies, Centre on AIDS preventive maintenance, St. Petersburg

### **6.11. LABORATORY SIGNS IN HIV-INFECTED PATIENTS WITH KAPOSÍ'S SARCOMA**

KRAVTCHENKO A., GRUZDEV B., POLYAKOVA A., PARKHOMENKO Yu., ASTRINA O., SEREBROVSKAYA L. Central Research Institute of Epidemiology, Moscow City AIDS Center, Moscow, Russia

**6.12. AIDS CLINICAL MANIFESTATIONS IN A GROUP OF SEXUAL PARTNERS**

PANKOVA G. Yu., KRAVTCHENKO A., SHAKGILDIAN V., GRUZDEV B. Moscow City AIDS Center; Russia AIDS Federal Center, Moscow, Russia

**6.13. THE ROLE OF MONONUCLEAR PHAGOCYTES IN THE IMMUNOPATHOGENESIS OF HIV-INFECTION**

ZMUSHKO E.I., DMITRIEV V.I., KAS'JANOV A.D., BOLEKHAN V.N., MALKOV A.N., MIKHALTSOV A.N. Military Medical Academy, St. Petersburg, Russia

**6.14. SOME ASPECTS HIV-ASSOCIATED**

**PSICHONEUROLOGICAL DISORDERS IN TEENAGERS**

ZDANOV K.V., LOBZIN Yu.V., RESHETNIKOV M.M. Military Medical Academy, St. Petersburg, Russia

**6.15. SEROLOGICAL DIAGNOSIS OF CRYPTOCOCCUS IN HIV-INFECTION**

ILJINA V.JA., GYAURGIEVA O.H. Medical Academy for Postgraduate Training, St. Petersburg, Russia

**6.16. MYCOSES IN HIV-INFECTED CHILDREN**

RAKHMANOVA A.G., GYAURGIEVA O.H., BOGOMOLOVAT.S. Medical Academy for Postgraduate Training, St. Petersburg, Russia

**6.17. DURATION OF LIFE OF AIDS PATIENTS IN UKRAINE**

MARICHEV I., FEDORUKN., KRUGLOV Yu., GOREGLYAD N., PROTSAP E., SERGEEVA T. Kiev, Ukraine

**6.18. CLINICAL AND VIROLOGICAL MONITORING OF AZT-RESISTANCE IN HIV-INFECTED PATIENTS,**

IVANNIKOV E.B.<sup>1</sup>, SAKHURIA I.B.<sup>2</sup>, SHCHELKANOV M. Yu.<sup>2</sup>, PASHKOVATA.<sup>2</sup>, KORNILAYEVA G.V.<sup>2</sup>, GORBACHEVA E.G.<sup>1</sup>, GOLIKOV V.A.<sup>1</sup>, KARAMOV E.V.<sup>2</sup>

<sup>1</sup> Moscow Clinical Infectious Hospital No.2; <sup>2</sup> D.I.Ivanovsky Institute of Virology, Moscow, Russia

**6.19. DIAGNOSTIC AND PROGNOSTIC VALUE OF EPSTEIN-BARR VIRUS LATENT PROTEINS**

AFANASYEVAT., STEPINA V., BELOUSOVA N., KONDRATYEVA T., ALFEROV V., GURTSEVITCH V. Institute of Carcinogenesis, Institute of Clinical Oncology, Cancer Research Center, Moscow, Russia

**6.20. STABLE HTLV-I CARRIER STATE FOR 9 YEARS AMONG NIVKHI PEOPLE IN SAKHALIN**

SENYUTAN., YAMASHITA M.\* SYRTSEV A., PAVLOVA V., HAYAMI M.\* AND GURTSEVITCH V. Cancer Research Center, RAMS, Moscow, Russia and Kyoto University\*, Japan

**6.21. HIV INFECTION AND PARASITOSIS**

RAKICKIENE J., GRISHKEVICHUS A., CHAPLINSKAS S. Lithuanian AIDS Centre

**6.22. SOME PATTERNS OF AIDS PATHOGENESIS IN UKRAINE**

MARICHEV I.L., ANTONENKO, S.V., SHCHERBINSKAYA A.M., KRUGLOV Yu.V., BARBASHEVA Y.V., PROTSAP E.I., GRYN E.V., FROLOV A.F. Institute of Epidemiology & Infective Diseases, Health Ministry of Ukraine, Kyiv, Ukraine

**6.23. OPPORTUNISTIC INFECTIONS IN AIDS PATHOGENESIS**

PROTSAP E.I., MARICHEV I.L., SCHERBINSKAYA A.M., ANTONIAK S.N. Institute of Epidemiology and Infectious Diseases, Kiev, Ministry of Health, Ukraine

**6.24. HSP 70 STATE SIGNIFICANCE IN THE DIAGNOSIS AND PROGNOSIS OF HIV-INFECTION**

ZMUSHKO E., NACHAROV P. Scientific Research Laboratory of AIDS and Infectious Diseases, Russian Federal Armed Forces, Military Medical Academy, St.-Petersburg

**SESSION 7. FUNDAMENTAL ASPECTS OF NARCOLOGY**

**CLINICAL IMPLICATION OF PSYCHOVEGETATIVE DISTURBANCES DYNAMICS IN ALCOHOLICS IN REMISSION**

ERYSHEV O.F., DUBININA L.A.  
Bekhterev Psychoneurological Research Institute

**CINDERELLAS ON THE RESEARCH MASQUERADE IN ALCOHOLISM - KINURENINES**

LAPIN I.P., MIRZAEV S.  
Bekhterev Psychoneurological Institute, St.Petersburg, 193019, Russia

**THE INFLUENCE OF MORPHINE ON SOME IMMUNOLOGICAL INDICATORS OF MICE OF DIFFERENT SOCIAL STATUS**

VEKOVISCHEVA O.Yu., POLEVSCHIKOV A.V.  
Institute of pharmacology of Pavlov Medical University, St.-Petersburg; Institute of Experimental Medicine of RAMS, St.-Petersburg

**SESSION 8. LABORATORY DIAGNOSTICS. MONITORING OF HIV AND OPPORTUNISTIC INFECTIONS**

**HUMAN CORONAVIRUSES IN CNS OF AIDS PATIENTS**

CEREDA P.M.\*, BATTAGLIA M.#, FERRANTE P.<sup>A</sup>, AND CRISTALLO A.\*  
•<sup>^</sup>Institute of Microbiology, University of Pavia, Pavia; institute for Experimental Medicine of CNR, Roma; <sup>A</sup>Don Carlo Gnocchi Foundation, Milano, Italy

**THE STANDARDIZATION PRINCIPLES OF QUALITY VALUATION METHODS FOR HIV-DIAGNOSTIC TEST-SYSTEM BY POLYMERASE CHAIN REACTION**

VOROBIOVA M.C., SARKISIAN K.A., BLOKCHA V.V., BECTEMIROVT.A.,  
Institute of Standardization and Control, Moscow, Russia

**AN EXTERNAL QUALITY CONTROL PROGRAM OF HIV SCREENING**

VEREVOCHKIN S., SKADOVA V., KOZLOV A.  
Biomedical Center for AIDS, Cancer and Related Problems, Research Institute of Pure Biochemicals, St.Petersburg, Russia, 197110

**PCR-DETECTION OF CYTOMEGALOVIRUS INFECTION IN ORGAN RECIPIENTS**

ALEXANDROVA Yu.N., KOSHKAROVA I.V., LYSCHOV A.A., SITSKAYA K.O., ZUBAROVSKAYA L.S., PLUZHNIKOVA G.F., RUDENKO V.I., HANSON K.P., AFANASIEV B.V.

Clinical Center of Advanced Medical Technologies (Hospital N'31), St.-Petersburg; N.N. Petrov Institute of Oncology, St.-Petersburg.

**DIAGNOSTICS OF UROGENITAL INFECTIONS IN POLIMERASE CHAIN REACTION**

SHILOVA E., BOJTISOV A., ZEROV Yu., LASTOVKA O., PORIN A., SCHERBO S. St.-Petersburg State Medical Academy, Protein Contour Ltd., St.Peterburg, Russia

**HIV-INFECTION -APPLICATION OF ALTERNATE STRATEGY OF CONFIRMATION**

KISLYKH E.N., TCHENTSOVAN., MAXIMENOK E., VATAMANYUK M., KRULOVOY., SHCHERBINSKAYA A.  
Center for AIDS Prevention, Kiev, Ukraine

**COMPARATIVE RESEARCH OF DIAGNOSTIC QUALITIES OF TESTS - SYSTEMS USED FOR MASS SCREENING IN UKRAINE**

TCHENTSOVA N.P., KISLYKH E., MAXIMENOK E., VATAMANYUK M., KOBYSHCHA Y.  
Center for AIDS Prevention, Kiev, Ukraine

**THE EXPERIENCE OF DIAGNOSTIC HIV-LABORATORY**

GEKALOV.P.  
Dermato-venerology Hospital, Slavianska-Kuban, Russia

**POSTER SESSION**

**8.1. A CHROMOGENIC SUBSTRATE, ABTS, IN A TEST-SYSTEM DETECTING ANTI-HIV ANTIBODIES**  
GONCHARENKO V.S., SHYMKO N., ALEXEYENKO I., MARTYNYENKO D.L.  
Scientific-industrial enterprise "Diaproph", Kiev, Ukraine

**8.2. TESTING OF HIV-INFECTED PATIENTS SERA FROM DIFFERENT DISTRICTS**  
MARTYNYENKO D.L., SERGUIYEVAT., IVANSKAYA N., ALEXEYENKO I., ZAVELEVITCH M.P.  
Scientific-industrial enterprise "Diaproph", Kiev, Ukraine

**8.3. POSSIBILITIES OF CURRENT VIRAL HEPATITIS LABORATORY DIAGNOSTICS**  
SHEIBACK V.V., MELESHKO L.A., MIKHAL'TSOV A.N., SOMOVA I.V., YAKUBOVSKAYA L.V. St.Petersburg (Russia), Minsk (Belorussia)

**8.4. NATIONAL SECOND GENERATION ANALYZER FOR THE ENZYME IMMUNO ASSAY**  
BASHARYAR A., ZAPOLSKAYA N.M., MURAVNIK L.M., SAFYANNIKOV N.M.  
Joint-Stock Enterprise "Innovation of Leningrad Institutes and Enterprises"

**8.5. QUALITY CONTROL MEANS FOR ANALYZERS FOR THE ENZYME IMMUNOASSAY**  
KOSTROVA O.B., MURAVNIK L.M., SAFYANNIKOV N.M.  
Joint-Stock Enterprise "Innovation of Leningrad Institutes and Enterprises"

**8.6. TOXOPLASMA DIAGNOSTICS IN KARELIA**  
BELIAEVA V.A., SEREBRIAKOV M.Yu.  
Regional AIDS Prevention Center, Petrozavodsk, Karelia, Russia

**8.7. NEW PREPARATIONS FOR EXPRESS-DIAGNOSTICS OF HIV INFECTION**  
VOROBIOVA M.C., LOMANOVA G.A., GOLTISOV V.A., SARKISIAN K.A., RAZGULAJEVA A. V.  
Institute of Standardization and Control, Bioservice Ltd., Moscow, Russia

**8.8. THE STATE TRIAL RESULTS OF ELISA KIT FOR DETECTION OF ANTIBODIES TO CYTOMEGALOVIRUS ("CMB-SKREEN")**  
GORBUNOV M.A., VOROBIOVA M.S., ELSHINA G.A., LADYSZINSKAJA I.P., MALTSEVA V.N.  
Institute of Standardization and Control, Bioservice Ltd., Moscow, Russia

**8.9. THE METHOD OF DIAGNOSTICS OF CANDIDOSIS IN PATIENTS WITH HIV-INFECTION**  
GYAURGIEVA O.K., LEBEDEVA T.N., RAKHMANOVA A.G., IGNATIEVA S.M.  
Medical Academy for Postgraduate Training, St.Petersburg, Russia

**8.10. THE REACTIVITY OF QUALITEST PANEL SERA IN DIFFERENT DIAGNOSTIC KITS**  
VEREVOCHKIN S., SKADOVA V., KozLoy A.  
Biomedical Center for AIDS, Cancer and Related Problems, Research Institute of Pure Biochemicals, St.Petersburg, Russia, 197110

**8.11. IMPLEMENTATION OF IMX CHLAMYDIA ESSAY FOR DIAGNOSIS OF UROGENITAL CHLAMYDIAS**  
GRISHKEVICHUS A., VALANCHIAUSKAITE V., RAZUMOVSKAJA S., TRECHIOKAS A., CHAPLINSKAS S. Lithuanian AIDS Center

**8.12. ELABORATION OF PROGNOSTIC CRITERIA FOR INFECTIONS DISEASES DEVELOPMENT**  
ZMUSHKO E., MALININ V., MICHALTSOV A.  
Military-Medical Academy, St.Petersburg,

**8.13. THIRD-GENERATION ELISA TEST-SYSTEMS DETECTING ANTI-HIV-1 AND ANTI-HIV-2 ANTIBODIES**

VERGUN L., CHUMAK R.M., ZAV-ELEVITCH M.P., MARTYNYENKO D.L.  
Scientific-industrial enterprise "Diaproph",  
Kiev, Ukraine

**SESSION 9. SAFETY AND EFFECTIVENESS OF HEMOCOMPONENT THERAPY**

**LABORATORY CONTROL OF DONOR'S BLOOD IN THE PREVENTION OF HIV-INFECTION**

BELGESOV N. V., ZHIBURT E.B., ASADI A.,  
POLOSATOV M.V.  
Medical Military Academy, St. Petersburg

**AUTOLOGOUS BLOOD TRANSFUSION AS AN EFFECTIVE METHOD OF PREVENTING OF POSTTRANSFUSION REACTIONS AND COMPLICATIONS IN CARDIOSURGERY**

SHEVCHENKO Yu.L.,  
MATVEEV S.A., DANILCHENKO V.V.,  
CHECHETKIN A.V.,  
SHIHVERDIEVN.N., SHILOV V.V.,  
LAPIDUS A.V.  
Military Medical Academy, St.-Petersburg,  
Russia

**THE IMMUNE STATUS OF NHL PATIENTS UNDER HEMOTRANSFUSIOLOGY THERAPY**

SEREBRYANAYAN.B., MAZUROV V.I.,  
NOVIK A.A., VOLOSHIN S.V., ZHIBURT  
E.B.  
Medical Military Academy, St. Petersburg,  
Russia

**IMMUNOMODULATING ACTION OF BLOOD ULTRA-VIOLET IRRADIATION IN EXPERIMENTAL ENDOTOXEMIA**

ZHIBURT E.B., SEREBRIANAYA N.B.,  
ROZHDESTVENSKEYAE.N., VASHCHENKO  
V.I., BOITSOVA M.Y.  
Medical Military Academy, St.-Petersburg,  
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**POSTER SESSION**

**9.1. THE METHODS FOR EPSTEIN-BARR VIRUS DIAGNOSTICS**

ZHIBURT E.B., SEREBRIANAYA N.B.,  
IONOVA A.I., DYAKOVA V.V.,  
TROFIMENKO E.V., GUROVA E.V.  
Medical Military Academy, St. Petersburg

**9.2. HLA-A, B, C, DR ANTIGENES AND DQA-POLYMORPHISM IN NHL PATIENTS**

SEREBRYANAYAN.B., NOVIK A.A.,  
VOLOSHIN S.V., LYSHCHEV A.A.,  
ZHIBURT E.B.  
Medical Military Academy, St. Petersburg,  
Russia

**9.3. RELATIONSHIP BETWEEN IMMUNE DISTURBANCES AND HLA-PHENOTYPE IN NHL PATIENTS**

SEREBRYANAYA N.B., NOVIK A.A.,  
VOLOSHIN S.V., DYAKOVA V.V.,  
KATKOVA I.V., ZHIBURT E.B. Medical  
Military Academy, St. Petersburg, Russia

**9.4. MONITORING OF AUTOSENSIBILIZATION TO BLOOD CELLS IN LEUKEMIA PATIENTS**

KLIMOVA K.N., NIKITOVA I.S., MINEEVA  
N.V., IONOVA A.I., ZHIBURT E.B.  
Russian Research Institute of Haematology  
and Transfusiology, Medical Military  
Academy, Saint-Petersburg

**SESSION 10. EXPERIMENTAL AND THEORETICAL BIOLOGY**

**TRANSLATIONAL CELL CYCLE CONTROL. SACCHAROMYCES CEREVISIAE MODEL SYSTEM**

BORXSENIUS A.S., TIKHOMIROVA V.L.,  
INGE-VECHTOMOV S.G.  
State University, St.Petersburg, Russia

**MODULATION OF GENE  
EXPRESSION BY ALU-FAMILY  
RETROTRANSPOZONS AND  
CONTROL OF THEIR  
AMPLIFICATION IN HUMAN  
GENOME** TOMILIN N.V.  
Institute of Cytology, St.Petersburg,  
Russia

**INHERITED DISEASES IN HUMANS**  
GAITSHOKI v.S.  
Institute of Experimental Medicine,  
St.Petersburg, Russia

**PHYLEMA OF THE LIVING BEINGS  
AND POSITION ON IT OF BACTERIA  
AND VIRUSES**  
DROZDOVA.L.  
Institute of Marine biology FEE RAS,  
Vladivostok

**PATTERNING AND SPECIFICATION  
OF MOTOR NEURONS IN  
ZEBRAFISH**  
KORZH V.  
Institute of Molecular Agrobiolgy,  
National University of Singapore; Koltsov  
Institute of Developmental Biology,  
Moscow, Russia

**DELIVERY AND EXPRESSION OF  
THE HUMAN APOLIPOROTEIN A-I  
GENE AND BACTERIAL REPORTER  
GENES IN A RAT LIVER**  
PEREVOZCHIKOV A.P., KURYSHEV V.Yu.,  
PARFENOVAN.S., SHAVLOVSKI M.M.,  
DIZHE E.B., DENISENKO A.D. Institute of  
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