

## NAS Participants in April 28-29 Workshop

- 1) John D. Steinbruner, The Brookings Institution (Chairman of NAS Group)
- 2) W. Russell Byrne, United States Army Medical Research Institute of Infectious Diseases, Department of Defense
- 3) Gail H. Cassell, Chairman, Department of Microbiology, University of Alabama
- 4) Charles G. Fogelgren, National Academy of Sciences
- 5) Christopher P. Howson, Institute of Medicine
- 6) Peter B. Jahrling, United States Army Medical Research Institute of Infectious Diseases, Department of Defense
- 7) James W. Leduc, Centers for Disease Control and Prevention, Department of Health and Human Services
- 8) Matthew Meselson, Harvard University, Department of Microbiology
- 9) Glenn E. Schweitzer, National Academy of Sciences

## Russian Participants in April 28-29 Meeting

Yuri Kalinin-Director General, Biopreparat

Grigoriy Shcherbakov-Department Head, Biopreparat

Marina Sofronova-Biopreparat

Alexander Zaitsev-Biopreparat

Lev Sandakhchiev-Director, SRC Virology and Biotechnology "Vector"

Nikolai Urakov-Director, SRC Applied Microbiology

Aleksei Stepanov-Deputy Director, SRC Applied Microbiology

Vladimir Zav'ylov-Director, Inst. of Immunological Engineering

Oleg Ignatiev-President's Committee on BW/CW Convention

Yuri Fedorov-Ministry of Health

Dmitry Lvov-Director, Ivanovsky Institute of Virology

Sergei Drozdov-Director, Institute of Poliomyelitis and Viral Encephalitis

Vasiliy Lashkevich-Deputy Director, Institute of Poliomyelitis and Viral Encephalitis

Alexander Khomenko-Director, Central TB Scientific and Research Institute

Vladimir Toporkov-Director, Research Institute of Aerobiology

Oleg Yurin-Deputy Chief, Russia AIDS Centre

Alexander Kokooshkin-Deputy Director, Saratov Anti-Plague Institute "Microb"

V.V. Kuturev-Saratov Anti-Plague Institute "Microb"

**AGENDA FOR ROUNDTABLE DISCUSSION  
OF BILATERAL COLLABORATION TO REDUCE THE  
PUBLIC HEALTH PROBLEMS ASSOCIATED WITH VERY  
DANGEROUS PATHOGENS**

**RUSSIA, APRIL 28-29,1997, PETROVO-DALNYEE**

10:00-11:30

**OPENING OF SEMINAR: Adoption of Agenda, Program, and Timing of the Seminar**

Yuri T. Kalinin, Director General, RJSC "Biopreparat"

John Steinbruner, The Brookings Institution, Chairman of NAS Group

11:30-11:45 Break

11:45-13:15 **CONTINUATION OF SEMINAR: Overview presentations**

Basic directions of scientific cooperation between Russian and American scientists in the struggle with dangerous and especially dangerous infections, and strengthening confidence measures in the field of development of means of biological defense.

Grigoriy Ya. Shcherbakov RJSC "Biopreparat"

John Steinbruner The Brookings Institution

13:15-14:15 Lunch

14:15-15:45

**1 DISCUSSION OF BASIC THEMES OF THE OVERVIEW PRESENTATIONS**

1.1 Status of problems of the struggle with dangerous and especially dangerous infections in the world; including the peculiarities for the Russian Federation and the USA; Priorities of collaboration in this field.

1.1.1 Gail Cassell -Research Priorities, The University of Alabama-Birmingham

1.1.2 Yuri M. Fiodorov-Diseases from especially dangerous infections in Russia and measures for their prevention, Department of Health of Russia

1.2 Threats for human health, connected with pathogens, in the world and in each country

1.2.1 A.V. Stepanov-Threats of possible use of pathogens for terrorist goals and measures for prevention, State Research Center for Applied Microbiology

1.2.2 W. Russell Byrne-Threats to public health in the United States, United States Army Medical Research Institute of Infectious Diseases, Department of Defense

1.3 Importance of research collaboration between Russian and American scientists in the field of controlling dangerous and especially dangerous infections.

15:45-16:00 Break

16:00-18:00 Continuation of Seminar's work

1.3.1 Matthew Meselson-Collaboration on a Laboratory to Laboratory basis, Harvard University

1.3.2 V.P. Zavylov-Problems of cooperation between Russian and American scientists in the field of Engineering Immunology

1.4 Significance and types of epidemiological monitoring, responses to outbreaks of diseases, and efforts of each country and international organizations.

- 1.4.1 N.N. Urakov-Cooperation in joint scientific research in the field of epidemiological monitoring and responses to outbreaks of diseases, State Research Center of Applied Microbiology
- 1.4.2 James Leduc-National and International approaches to epidemiology, Centers for Disease Control and Prevention, Department of Health and Human Services.
- 1.4.3 A.G. Khomenko-Status of problem of Tuberculosis in Russia, Central Research Institute of Tuberculosis
- 1.4.4 Peter Jahrling-Approaches to containing dangerous pathogens, United States Army Medical Research Institute of Infectious Diseases, Department of Defense.

19:00 Dinner

April 29, 1997

8:00 Breakfast

9:00-10:30

## 2 SPECIFIC DIRECTIONS FOR COOPERATION

- 2.1 Organizational and Financial Basis for Cooperation
  - 2.1.1 Glenn Schweitzer-Specific Directions of Cooperation, National Academy of Sciences, United States of America
  - 2.1.2 Russian Speaker
  - 2.1.3 General Discussion
- 2.2 Epidemiology and Response to Outbreaks
  - 2.2.1 Christopher Howson-A General Approach, Institute of Medicine, United States of America.
  - 2.2.2 A.M. Kokooshkin, I.G. Drozdov, Russian Anti-Plague Research Institute, Saratov
  - 2.2.3 V.V Kuturev, New Generations of Vaccines against Plague and Cholera, Russian Anti-Plague Research Institute, Saratov
  - 2.2.4 O.G. Yurin-HIV/AIDS infections in Russia, Russian AIDS Center

11:00-11:15 Break

11:15-13:00 Continuation of Seminar

- 2.3 Approach to Formulating short and long term program of joint research. Research directions and types of pathogens.
  - 2.3.1 Matthew Meselson-Structure, Criteria, and Approaches for joint research, Harvard University.
  - 2.3.2 L.S. Sandakhchiev-Perspective of research for studying pathogens of global significance, State Research Center of Virology and Biotechnology "Vector"
  - 2.3.3 D.K. Lvov-Hepatitis and its prevention, Institute of Virology
  - 2.3.4 V.A. Lachkevich-Viral encephalitis in Russia, Institute of Poliomyelitis and Viral Encephalitis.
  - 2.3.5 General Discussion

13:00-14:00 Lunch

14:00-17:00 Continuation of Seminar

2.4 Cooperation in Ensuring the Proper registration of high hazard laboratories, the maintenance and control of strains, and the detection and prevention of unlawful activities

2.4.1 Gail Cassell-National Systems and Cooperation, University of Alabama-Birmingham.

2.4.2 Report of Russian Speaker

General Discussion

3 FINAL DISCUSSION

3.1 General Discussion of issues raised in previous sessions

3.2 Future steps in development of cooperation

3.3 Closing statements

3.3.1 Yuri T. Kalinin, Director General of RJSC "Biopreparat"

3.3.2 John Steinbruner, The Brookings Institution (Chairman of NAS Group)

19:00 Banquet in honor of American Delegation

April 30, 1997

9:00 Breakfast

10:00-11:00 Departure of American Delegation to "Hotel Danilovsky"

Departure of Russian participants to Moscow