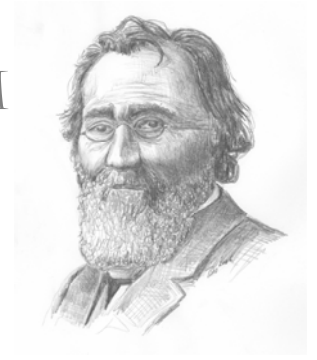




KOCH-METSCHNIKOW-FORUM МЕЧНИКОВ-КОХ-ФОРУМ



Politisch gewollte und politisch begleitete zivilgesellschaftliche
Experteninitiative des Petersburger Dialogs zur Verbesserung der
internationalen Kooperation im Gesundheitswesen
zur grenzüberschreitenden Bekämpfung von Infektionskrankheiten



Final Program

The Koch-Metchnikov-Forum (KMF) and the Center for Infection Biology and
Immunity (ZIBI)

In cooperation with the Petersburg Dialogue

Invite you to participate in the

First Summer School on

Infectious diseases – affecting civil societies

At the Langenbeck-Virchow House, Berlin, October 5-8, 2006

This symposium addresses young researchers, post-docs, and doctoral students (under the age of 35) in medicine, biology and biotechnology with special interest in an interdisciplinary view on infectious diseases. There will be expert lectures, one can present and discuss one's own work, enter interdisciplinary scientific discussions with experts in the fields, and get in touch with colleagues from partner countries.

The topics of the symposium encompass state-of-the-art lectures on microbiological, immunological, and epidemiological aspects of infectious diseases with, such as

HIV/AIDS, tuberculosis, toxoplasmosis, hepatitis and other viral infections, as well as aspects of safety control of blood and blood products.

The symposium consists of plenary sessions, workshops on different aspects of infectious diseases, poster sessions, meet-the-expert-sessions and career-development-seminars. Russian and German participants can apply for travel funds at the Koch-Metchnikov-Forum.

Under the auspices of:

International Office of the German Ministry of Education and Research, IB-BMBF
German Academic Exchange Council, DAAD
Humboldt University Berlin
Berlin Medical Society
Max-Planck-Institute for Infection Biology, MPI-IB
Charité University Medicine Berlin

We thank the DAAD, the IB-BMBF and Becton Dickinson for generous support of this Summer School.

Organizing Committee:

Dr. Timo Ulrichs, BMG, KMF
Prof. Dr. Helmut Hahn, Charité, President of Berlin Medical Association, KMF
Prof. Dr. Richard Lucius, Humboldt University, ZIBI
Prof. Dr. Heinz Zeichhardt, Charité, KMF

Summer School Secretariat:

Timo Ulrichs,
Koch-Metchnikov-Forum, Luisenstraße 59, 10117 Berlin, Germany,
timo.ulrichs@bmg.bund.de
Homepage: www.KMForum.eu

There is no participation fee. **Participation is free.**

Please register as soon as possible at the Summer School Secretariat!

Lectures cover the fields of:

Tuberculosis

HIV, AIDS

Malaria

Hepatitis, HCMV

Hanta virus infections, Shigellosis, Helicobacter pylori infections,

Avian influenza

Infections by intentionally spread microorganisms

Invited experts in the fields of:

Microbiology

Immunology

Epidemiology

Social sciences

Forms of interaction at the summer school:

Plenary lectures

Workshops focused on diseases, research fields

Meet-the-expert sessions

Career-development symposium

Oral and poster presentations

Scientific program

Thursday, October 5, 2006

19.00h **Get together** at the Langenbeck-Virchow-House

Friday, October 6, 2006

9.00h – 20.00h Registration

9.00h – 10.00h **Opening ceremony**

Chair: T. Ulrichs, Berlin

Heinz Zeichhardt, Berlin Medical Society; Welcome remarks

Richard Lucius, ZIBI and HU; Welcome remarks

Silke Kröll, International Office of BMBF; Welcome remarks

Keynote lecture: Ulrich Steinhoff, MPI-IB, Berlin; The impact of the proteasome system in infection and inflammation

10.00h – 10.30h **Coffee break**

10.30h – 12.30h **Plenary Lecture Session I: Viruses I**

Chairs: H. Zeichhardt, Berlin; W. Haas, Berlin

Heiko Karcher, Internal Medicine, Charité Berlin: HIV and TB coinfection

Joachim Denner, RKI, Berlin; Prevention of retroviral infections (HIV, PERV, FeLV) by vaccination and RNA interference

Wolfram Brune, RKI, Berlin; Innate immune defenses against cytomegalovirus infection

Rajan Somasundaram, Internal Medicine, Charité Berlin: Hepatitis

12.30h – 14.00h **Lunch break, poster presentation**

14.00h – 16.30h **Workshop I: Bacteria, Virology, Vaccinology**

Chairs: H. Zeichhardt, Berlin; T. Ulrichs, Berlin

Oral presentations of participants

16.30h – 17.00h **Coffee break**

17.00h – 18.30h **Plenary Lecture Session II: Epidemiology I**

Chairs: Hans-Peter Beck, Basel; M. Achtman, Berlin

Tim Eckmanns, RKI, Berlin; Surveillance systems of infectious diseases;

Mark Achtman, MPI-IB, Berlin; Population genetics in infectious diseases

Hans-Peter Beck, Swiss Tropical institute, Basel

Malaria tropica: expression analysis of virulence determinants - telling the bad boys apart?

19.00h – open end **Meet-the-experts Seminars:** Discussions with experts, meetings in small groups, organizing the evening on your own in Berlin

Saturday, October 7, 2006

9.00h – 20.00h Registration

9.00h – 11.00h **Plenary Lecture Session III: *Mycobacterium tuberculosis***

Chairs: G. Kosmiadi, Moscow; H. Hahn, Berlin

Marc Jacobsen, MPI-IB, Berlin, Immunology of TB

George A. Kosmiadi, CTRI, Moscow; Immunology of the local immune response in TB

Florian Kern, Immunology, Charité Berlin; 10-colour

flow-cytometric analysis of TB specific T-cell responses

Timo Ulrichs, BMG, Berlin; Diagnosis of MDR-TB

11.00h – 11.30h **Coffee break**

11.30h – 12.30h **Plenary Lecture Session IV: Immunology, vaccinology**

Alexander Apt, CTRI, Moscow; Vaccination models

Sigi Weiß, GBF, Braunschweig; Vaccination strategies

12.30h – 14.00h **Lunch break, poster presentations**

- 14.00h – 15.30h **Plenary Lecture Session V: Viruses II**
Chairs: D. Krüger, Charité; W. Haas, RKI
Heinz Zeichhardt, Virology, Charité Berlin; Quality control in virology diagnostic laboratories
Detlev Krüger, Virology, Charité Berlin; Emergence of hantavirus infections in Europe and Africa
Walter Haas, RKI, Berlin; Plans to stop an influenza pandemic
- 15.30h – 16.00h **Coffee break**
- 16.00h – 17.00h **Plenary Lecture VI: Epidemiology II**
Hajo Grundmann, EARSS, Bilthoven; Mapping infectious diseases
Alexander Platonov, Moscow: Filling the gap: genetical investigation of infectious diseases in Eurasia
- 17.00h – 18.00h **Break**
- 18.00h – 19.30h **Career Development Seminar**
Podium discussion with experts from university (H. Hahn), basic research facilities (T. Ulrichs), industry (M. Springsklee, Bayer Healthcare), public health (M. Beyer, GTZ)
Chair: H. Hahn, Berlin
Discussions with participants
- 20.30h **Dinner** (Habel Weinrestaurant, Luisenstr.19, 10117 Berlin)

Sunday, October 8, 2006

- 9.00h – 12.00h Excursion to **Potsdam**,
Opening of G. Kosmiadi Exhibition at the Langenbeck-Virchow House