

# ZIBI/GRK1673 Symposium 2012



Updated 23 April 2012

## Global Challenges of Chronic Tropical Infections

### Venue

Robert-Koch-Hörsaal, Institut für Mikrobiologie und Hygiene, Dorotheenstraße 96,  
10117 Berlin

Monday, June 18<sup>th</sup>, 2012

08:15 Begin registration

#### Protozoan and Helminth Infections I

09:00 Welcome by Susanne Hartmann

Introduction by Shri K. Venkatarama Sharma

Counsellor (Science and Technology), Indian Embassy, Berlin

09:20 Population genetics and molecular epidemiology of Leishmania

Gabriele Schönian

Charité – Universitätsmedizin Berlin, Institute for Microbiology and Hygiene, Berlin,  
Germany

10:00 Poor stability of peptide-MHC complex may specify defective cellular immunity in leishmaniasis

Syamal Roy

Indian Institute of Chemical Biology, Kolkata, India

10:40 *Coffee Break*

11:00 Vaccinating against the Leishmaniasis

Anton Aebischer

Robert Koch Institute, Berlin, Germany

ZIBI Summer Symposium 2012

Global Challenges of Chronic Tropical Infections

Tentative Program



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**11:40 Molecular and immunological mechanisms of fibrosis induced by infection or chronic inflammation**

**Thomas Wynn**

NIH, Bethesda, USA

**12:20 Immunopathogenesis of lymphatic filarial disease**

**Subash Babu**

National Institutes of Health—International Center for Excellence in Research,  
Chennai, India

**13:00 *Lunch and Poster Session (with Coffee)***

**Protozoan and helminth infections II**

**14:30 Nematode infection interferes with vaccination efficiency**

**Minka Breloer**

Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany

**15:10 Pre-emptive strike against malaria**

**Ann-Kristin Mueller**

Heidelberg University School of Medicine, Heidelberg, Germany

**15:50 *Coffee Break***

**16:10 Molecular Basis of Vectorial Capacity in the Malaria Mosquito**

**Elena Levashina**

Max-Planck-Institute for Infection Biology, Berlin, Germany

**16:50 Malaria and Co-Infections**

**Jürgen May**

Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany

**17:30 *Summary by Susanne Hartmann***

**18:30 *Reception at Ruine Charité - Evening lecture, welcome by Richard Lucius***

**19:00 The influence of bacterial infectious diseases on fine arts**

**Timo Ulrichs**

Federal Ministry of Health, Berlin, Germany

Tuesday, June 19<sup>th</sup>, 2012

**Bacterial infections**

- 09:00            **Welcome by Ralf Schumann and Philippe N'Guessan**
- 09:05            **Biomarkers for TB - towards a better understanding of underlying mechanisms and a diagnostic and prognostic algorithm.**  
**Stefan H. E. Kaufmann**  
Max-Planck-Institute for Infection Biology, Berlin, Germany
- 09:45            **Modern diagnostic tools - a chance for the fight against TB?**  
**Sabine Rüsç-Gerdes**  
National Reference Center for Mycobacteria, Forschungszentrum Borstel, Borstel, Germany
- 10:25            ***Coffee break***
- 10:50            **Tuberculosis: Immune correlates, susceptibility genes and follow-up studies in Hyderabad, India**  
**Vijaya Lakshmi Valluri**  
Blue Peter Public Health & Research Centre (BPHRC), Hyderabad, India
- 11:30            **Epidemiology of drug resistant TB**  
**Yanina Lenz**  
Robert Koch Institute, Berlin, Germany
- 12:10            ***Lunch***
- 13:20            **Functional molecular epidemiology of infections associated with poverty and illiteracy**  
**Niyaz Ahmed**  
School of Life Sciences, University of Hyderabad, Hyderabad, India
- 14:00            **Genetic variations of the innate immune system and their influence on disease**  
**Ralf R. Schumann**  
Charité – Universitätsmedizin Berlin, Institute for Microbiology and Hygiene, Berlin, Germany

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- 14:40**            ***Coffee Break***
- 15:00**            **Regulation of antimicrobial peptides in pulmonary infections**  
**Philippe N´Guessan**  
Charité University Hospital, Berlin, Germany
- 15:40**            **The function and the fate of the host upon infection**  
**Thomas F. Meyer**  
Max-Planck-Institute for Infection Biology, Berlin, Germany
- 16:20**            **Summary and Farewell by Ralf Schumann and Philippe N´Guessan**
- 16:30**            ***Bus transfer to joint dinner on a boat (starts 17:00, ends 21:00)***