

## International Symposium

### “Leishmaniasis - FROM FIELD TO LAB”

*Epidemiological and molecular approaches for understanding a parasitic disease*

29<sup>th</sup> January 2015

Technische Universität Wildau, Hochschulring 1, 15745 Wildau  
hall 17, room 17-0030

#### Opening

- 9:30 Official Symposium opening by the President of TH Wildau - Prof. Dr. László Ungvári
- 9:45 Welcoming remarks by the head of the Dept. Molecular Biotechnology and Functional Genomics and member of the steering committee of the Institute of Applied Biosciences – Prof. Dr. Marcus Frohme and the Parasitology group leader – Dr. Katrin Kuhls

#### Opening lecture

- 10:00 “Learning about Leishmania’s intracellular lifestyle” - Dr. Anton Aebischer  
(Robert Koch Institute Berlin, Germany)

#### Epidemiology

- 10:30 “Leishmaniasis in Uzbekistan and neighboring countries” - Dr. Dmitriy Kovalenko  
(Isaev Research Institute of Medical Parasitology, Samarkand, Uzbekistan)
- 11:00 “Leishmaniasis in the Caucasus Region with focus on Armenia” - Dr. Ara Keshishyan  
(Alexsanyan Institute of Epidemiology, Virology and Medical Parasitology, Yerevan, Armenia)
- 11:30 *Coffee break*
- 12:00 “Leishmaniasis in Turkey and Eastern neighboring countries” - Dr. Seray Ozensoy Toz  
(Department of Parasitology, Ege University Medical School, Izmir, Turkey)
- 12:30 “Molecular epidemiology of Leishmaniasis in the Middle East with focus on cutaneous leishmaniasis during the armed conflict in Libya” - Dr. Ahmad Amro  
(Faculty of Pharmacy, Al-Quds University, Jerusalem, Palestine)
- 13:00 “New and old reservoirs of *Leishmania* – implications on epidemiology and control” - Dr. Sofia Cortes  
(Department of Molecular Biotechnology and Functional Genomics, Technical University of Applied Sciences Wildau, Germany/ Universidade Nova de Lisboa, Instituto de Higiene e Medicina Tropical, Lisbon, Portugal)
- 13:30 *Lunch break and visit of the labs*

- 14:30 "Development of microsatellite markers for investigation of genetic variability and population structure of *Phlebotomus papatasi*, the vector of *Leishmania major*" - Dr. Omar Hamarsheh (Department of Biological Sciences, Al-Quds University, Jerusalem, Palestine)
- 15:00 "Stable populations of sandflies (*Phlebotominae*) in Austria, a Central European country" – Dr. Adelheid Obwaller (Division of Science, Research and Development, Federal Ministry of Defence and Sports, Vienna, Austria)

## Diagnosis

- 15:30 "Recent developments in diagnosis of leishmaniasis" - Dr. Henk Schallig (Royal Tropical Institute, Amsterdam, Netherlands)
- 16:00 "Mobile microscopic imaging for the detection of *Leishmania* infections" - Dr. Katja Schulze (Department of Molecular Biotechnology and Functional Genomics, Technical University of Applied Sciences Wildau, Germany)
- 16:30 *Coffee break*
- 17:00 "Molecular typing and population genetics of *Leishmania* – lessons from Multilocus Microsatellite Typing and Whole Genome Sequencing" - Dr. Gabriele Schönián (Institute of Microbiology and Hygiene, Charité University Medicine, Berlin, Germany)
- 17:30 "MALDI-TOF intact protein profiling as high throughput diagnostic tool - the example of other pathogens" – Dr. Oliver Brödel & Christian Börner (Department of Molecular Biotechnology and Functional Genomics, Technical University of Applied Sciences Wildau, Germany)
- 20:00 *Speakers dinner and opportunity for further discussion*  
*Restaurant "Max und Moritz", Oranienstraße 162, 10969 Berlin*

## Organization

Department Molecular Biotechnology & Functional Genomics  
Faculty Engineering and Natural Sciences  
Institute of Applied Biosciences  
Technical University of Applied Sciences Wildau

## Support

Technical University of Applied Sciences Wildau  
Central Asia - Caucasus *Leishmania* Project  
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## Contact Organizing Committee

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