Symposium: Jorgen Lehmann and Gerhard Domagk event on Mycobacterium tuberculosis: Current concepts of immunity in tuberculosis and their relevance for vaccine development

09:30 - 12:00

Chairs: Hazel M. Dockrell, United Kingdom
Carlo Martin, Spain

09:30 Towards new TB vaccines - what are the challenges?
Hazel M. Dockrell, United Kingdom

10:00 Steps ahead in the development of new vaccines against tuberculosis, searching for new attenuated vaccines
Carlos Martin, Spain

10:30 Coffee Break

11:00 Mycobacterium marinum can cross the blood-brain barrier via different migration routes
Astrid Van der Sar, Netherlands

11:20 The role of a type VII secretion chaperone in the specific substrate recognition in pathogenic mycobacteria
Trang Huong Phan, Netherlands

11:40 Mycobacterium Leprae (M. Leprae) creates lipid-rich intracellular environment by modulating expression of host genes in infected macrophages
Yuqian Luo, Japan

Roundtable Discussion: Jorgen Lehmann and Gerhard Domagk event on Mycobacterium tuberculosis: Why is a vaccine against MTB so difficult to make?

13:00 - 14:00

Participants:
Hazel M. Dockrell, United Kingdom
Carlo Martin, Spain
Ulrich Schaible, Germany
Peter Lawætz Andersen, Denmark
Workshop: Jorgen Lehmann and Gerhard Domagk event on Mycobacterium tuberculosis: New insights into the pathogenesis of MTB impacting on the host’s immune response

14:30 - 17:00

Hall E

Chairs: Ulrich Schaible, Germany
       Peter Lawætz Andersen, Denmark

14:30 Overview of recent progress in understanding pathogenesis of MTB and its impact on the immune response
       Ulrich Schaible, Germany

15:00 TB vaccines; on the role of Th1, memory and immunity in the lung?
       Peter Lawætz Andersen, Denmark

15:30 Coffee Break

16:00 The role of thiols in protection against oxidative stress in mycobacteria
       Mamta Rawat, USA

16:20 DEVR dependent synchronization of mycobacterial growth and its effect on mycobacteriophage development
       Prithwiraj Kirtania, India

16:40 MSMEG_2433 of mycobacterium smegmatis exhibits both DD-carboxypeptidase and beta-lactamase activities
       Anindya Ghosh, India