

Module Programme

Day 1, 27 May 2024

08:00 – 08:45 **Registration**

08:45 – 09:00 **Welcome & information**

09:00 – 09:30 **Immunopathogenesis of *Mycobacterium tuberculosis***
Catherine Ong, Singapore

09:30 – 10:00 **Tuberculosis : clinical presentation, diagnosis & treatment**
Emanuelle Cambau, France

10:00 – 10:30 **Diagnosis of non-tuberculous mycobacterial infections**
Mateja Jankovic Makek, Croatia

10:30 – 11:00 **Coffee break**

11:00 – 11:30 **Secretion systems: from *Legionella* to *Mycobacteria***
Florian Tagini, Switzerland

11:30 – 12:00 ***Legionella*: clinical aspects**
Sophie Jarraud, France

12:00 – 12:30 **Added Value of PCR & genomics in the diagnosis of *Legionella* infections and for epidemiology**
Diane Lindsay, United Kingdom

12:30 – 14:00 **Lunch break**

14:00 – 15:30 **Workshop: How to develop a diagnostic PCR: *C. psittaci* & *C. burnetii* as examples**
Barbara Van der Pol (USA), Diane Lindsay (United Kingdom), Mirja Puoallakainen (Finland), Øystein Angen (Denmark); Done in parallel with the other workshops

15:30 – 16:00 **Coffee break**

16:00 – 17:00 **Clinical cases presentation and discussion**
Different speakers

16:00 – 17:00 **Q/A session**
Different speakers

18:00 – 19:45 **Social event: Playing with microbes**

Day 2, 28 May 2024

08:45 – 09:00 **Practical information**

09:00 – 09:30 **Classification and taxonomy of intracellular bacteria**
Gilbert Greub, Switzerland

09:30 – 10:00 **Global current outbreak of *Mycoplasma pneumoniae*: the latest data**
Patrick Meyer-Sauteur, Switzerland

10:00 – 10:30 **Diagnostic approaches of chlamydial infections**
Barbara Van der Pol, USA

10:30 – 11:00 **Coffee break**

11:00 – 11:30 **One Health aspects in outbreak investigation: the case of *Chlamydia psittaci***
Øystein Angen, Denmark

11:30 – 12:00 **Atypical pneumonia due to chlamydiae**
Mirja Puolakkainen, Finland

12:00 – 12:30 **Chlamydia-related bacteria**
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12:30 – 14:00 **Lunch break**

14:00 – 15:30 **Workshop: How to perform antibiotic susceptibility testing for intracellular bacteria**
Sylvia Bruisten (Netherlands), Daniela Cirillo (Italy), Jorgen Skov Jensen (Denmark), Florian Tagini (Switzerland)
Done in parallel with the other workshops

15:30 – 16:00 **Coffee break**

16:00 – 22:00 **Social event: Walk in the Lavaux vineyards (UNESCO) Gala dinner**

Day 3, 29 May 2024

08:45 – 09:00 **Practical information**

09:00 – 09:30 **Intracellular bacteria and free-living amoebae**
Sophie Jarraud, France

09:30 – 10:00 ***Coxiella burnetii*: EJBHPTUJDTBQQSPBDIFTPG 2GFWFSJOGFDUJPO**
Sally Cutler (United Kingdom)

10:00 – 10:30 **Bartonella: from cat-scratch disease, bacillary angiomatosis and Oroya fever**
Volkhard Kempf, Germany

10:30 – 11:00 **Coffee break**

11:00 – 11:30 **Adhesion and angiogenesis: BadA of Bartonella**
Volkhard Kempf, Germany

11:30 – 12:00 ***Chlamydia trachomatis*: clinical presentation**
Florian Tagini, Switzerland

12:00 – 12:30 **Spotted fever: clinical presentation & diagnostic aspects**
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12:30 – 14:00 **Lunch break**

14:00 – 15:30 **Workshop: How to culture intracellular bacteria**
Sophie Jarraud (France), Emanuelle Cambau (France), Gilbert Greub (Lausanne)
Done in parallel with the other workshops.

15:30 – 16:00 **Coffee break**

16:00 – 17:00 **Clinical cases presentation and discussion**
Different speakers

16:00 – 17:00 **Q/A session**
Different speakers

17:45 – 19:45 **Social event: Visit of the “World of Microbes” (an exhibition in a museum in Lausanne)**

Day 4, 30 May 2024

08:45 – 09:00 **Next event and picture of the course participants**
Gilbert Greub & Florian Tagini

09:00 – 09:30 **Biology of *Mycoplasma pneumoniae***
Mike Beeton, United Kingdom

09:30 – 10:00 **Genital mycoplasma: clinical presentation and diagnostic issues**
Sylvia Bruisten, Netherlands

10:00 – 10:30 **Challenges of *in vitro* propagation and antimicrobial susceptibility testing of *Mycoplasma genitalium***
Jorgen Skov Jensen, Denmark

10:30 – 11:00 **Coffee break**

11:00 – 11:30 **Actin-based motility: *Listeria* & *Rickettsia***
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11:30 – 12:00 ***Listeria monocytogenes*: clinical presentation and diagnosis**
4MWJB, MFUB (FSNBO)

12:00 – 12:30 **Round table: Lessons from intracellular bacteria to clinicians and microbiologists**
All invited speakers

12:30 – 14:00 **Farewell**

