

Friday August 28 **Symposium 17**

*Location: Room 1*

## **Integrating ecology with parasite evolution**

Organizers: *Sarah Reece, University of Edinburgh, United Kingdom*  
*Jacobus de Roode, Emory University, Atlanta United States*

- 09.45 - 10.15 ANNA-LIISA LAINE (invited)  
Parasite evolution: the disease triangle re-visited
- 10.15 - 10.45 MIKE BOOTS (invited)  
Host-parasite coevolutionary dynamics: evolutionary branching and defence against sterilization
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 LAURA C. POLLITT  
Responses to competition in the transmission strategies of malaria parasites
- 11.35 - 11.55 PEDRO F. VALE  
Context dependent virulence-transmission relationships and the evolution of virulence
- 11.55 - 12.15 ROMAIN GARNIER  
Evolutionary implications of a transgenerational defence strategy: the maternal transfer of antibodies
- 12.15 - 12.35 CLARE L. KINNEAR  
Suboptimal typhoid vaccines alter within-host competition dynamics
- 12.35 - 13.35 *Lunch*
- 13.35 - 13.55 MICHAEL BROCKHURST  
Coevolution in space: Hotspots, coldspots and pacemakers in experimental selection mosaics
- 13.55 - 14.15 CARITA LINDSTEDT  
Predation on multiple trophic levels shapes the evolution of pathogen virulence
- 14.15 - 14.35 CALDWELL HAHN  
Ecological conditions favoring the evolution of stronger immune defenses
- 14.35 - 14.55 AMY B. PEDERSEN  
Cross species pathogen transmission and disease emergence in primates
- 14.55 - 15.25 *Coffee break*