

Saturday August 29 **Symposium 26**

*Location: Room 5*

## **Post-genomic approaches to host-parasite evolution**

Organizers: *Steve Paterson, University of Liverpool, United Kingdom*  
*Stuart Piertney, University of Aberdeen, United Kingdom*

- 09.45 - 10.15 FRANCIS JIGGINS (invited)  
The evolution of insect immunity genes
- 10.15 - 10.45 BREGJE WERTHEIM (invited)  
Functional genomics of plastic and evolutionary responses to parasitism
- 10.45 - 11.15 *Coffee break*
- 11.15 - 11.35 CHARLOTTE TOLLENAERE  
Detecting genetic markers associated with plague resistance in natural populations of *Rattus rattus* though AFLP genome scan
- 11.35 - 11.55 JOSEPHINE M. PEMBERTON  
Genome-wide association of parasite resistance in a free-living sheep population
- 11.55 - 12.15 ELLEN DECAESTECKER  
A molecular reconstruction of a *Daphnia*-parasite interaction
- 12.15 - 12.35 BENJAMIN DEVIER  
Detecting genes involved in host specialisation in fungal pathogens by looking for signals of positive selection in genomic data
- 12.35 - 12.55 PAUL SCHMID-HEMPEL  
Genetic architecture of resistance genes and implications for sex and recombination
- 12.55 - 13.55 *Lunch*