

Tackling emerging threats to animal health, food security and ecosystem resilience

Monday 7 – Tuesday 8 March 2016

Scientific discussion meeting organised by Professor Matthew Fisher, Professor Sarah Gurr and Professor Neil Gow

THE
ROYAL
SOCIETY

DAY 1				DAY 2			
SESSION 1: Chair: Matthew Fisher		SESSION 2: Chair: Neil Gow		SESSION 3: Chair: Sarah Gurr		SESSION 4: Chair: Larry Madoff	
09:00	Welcome by the Royal Society and Matthew Fisher						
09:05	Matthew Fisher A plague on frogs...	13:30	Sarah Gurr A plague on plants – a mouldy future?	09:00	Neil Gow Medical mycology: new research perspectives addressing a major world health challenge	13:30	Antonio di Pietro Fungal pathogenicity across host kingdoms
09:30	Jan Stenlid Climate change and continental movement of fungi has resulted in unbalanced host relations and emerging diseases in forest ecosystems	14:00	Sophien Kamoun Keeping up with the plant destroyers – the two-speed genomes of filamentous plant pathogens	09:30	Chris Gilligan Modelling epidemics of plants disease to inform policy	14:00	Charles Godfray Fungal diseases and global food security
10:00	Discussion	14:30	Discussion	10:00	Discussion	14:30	Discussion
10:30	Coffee	15:00	Tea	10:30	Coffee	15:00	Tea
11:00	Kate Langwig Linking ecology, impacts, and management in the emerging infectious disease of bats, white-nose syndrome	15:30	Jacques Meis Clinical and environmental azole resistance of <i>Aspergillus fumigatus</i>	11:00	Peter Dodds Harnessing plant immune receptors for resistance to fungal pathogens	15:30	David Denning Universal access to fungal diagnostics and antifungal agents – a long way to go
11:30	Jeff Lorch Snake fungal disease: breaking the mould for emerging fungal diseases of wildlife	16:00	Judith Berman Ploidy dynamics and the rapid evolution of drug resistance	11:30	Karen Lips Conservation biology in the face of fungal emergence	16:15	John W. Taylor Overview and future directions
12:00	Discussion	16:30	Discussion	12:00	Discussion		
12:30	LUNCH	17:00	CLOSE	12:30	LUNCH	17:00	CLOSE

Draft programme – correct as of 11 February 2016 – subject to change