

PhD course in Mycology Room A-436 and Zoom

29/11: 9-11: Introduction to Mycology (Hanns Ronne, SLU)

Fungi as pathogens part I

11-12: Plant immunity against fungal pathogens (Salim Bouras, SLU)

13-14: The ash die back disease in Europe (Audrius Menkis, SLU)

14-15: RNAi in fungal plant diseases (Mukesh Dubey, SLU)

16-17:30: Emergence of a novel effector function through functional diversification of the Avr4 effector family (Ioannis Stergiopoulos UC Davis)

30/11: Fungi as pathogens part II

9-10: Epidemiology of fungal pathogens (Anna Berlin, SLU)

10-11: Biocontrol and mycoparasitic fungal species (Magnus Karlsson, SLU)

13-15: Fungi as human pathogens (Georgios Tzelepis, SLU)

15-16:30: Dissecting mechanisms of fungal phagosome biogenesis in health and disease Keynote speaker (Georgios Chamilos, IBMM)

1/12: Applied Mycology

9-11: Fungi in industry (Jerry Ståhlberg, SLU)

11-12: Risk assessment of invasive plant pathogens (Johanna Boberg, SLU)

13-14: Secondary metabolites in *Heterobasidium* (Åke Olsson, SLU)

16-17:30 TBA

2/12: Fungal physiology and diversity

9-10: Fungi in biogeochemical processes - with emphasis on mineral weathering in forest ecosystems. (Roger Finlay, SLU)

10-11: Mycorrhizal symbioses as drivers of the boreal and arctic carbon sinks (Karina Clemmensen, SLU)

11-12: Naming the untouchable - a quest to characterize hidden diversity in fungi (Anna Rosling, UU)

13-14: Mykopat seminar

3/12: Evolution and genomics of fungi

9-10: Evolution of fruiting bodies and nutritional modes in fungi (Marisol Sánchez-García, SLU)

10-11: Genomics of wood decay fungi (Dimitrios Floudas, Lund University)

11-12: The Spore Killers (Lorena Ament-Velasquez, Stockholm University)

13-14: Conservation in fungi (Anders Dalberg, SLU)

16-17:30: Fantastic budding yeasts and how they evolved to be Keynote speaker (Antonis Rokas, Vanderbilt University)

6/12: Exams

9-12: Student presentations