

Genomics of coevolution

Workshop on 28 and 29 April 2022

Convener: Dieter Ebert

Program for Friday, 29 April

- Open to everybody
- We have no fixed time slots, but rather keep on going as we feel. We want to maximize time for discussion. Talks are between 20 to 40 minutes.
- The last talk of the morning may move to the afternoon session, or the first talk from the afternoon may be pulled to the morning, depending on our progress.

9:00 a.m. to 12:30 p.m.

Amandine Cornille, CNRS, Gif-sur-Yvette, France:
“Preliminary insights into the molecular bases of coevolution in a quadripartite interaction”

Michael Boots, University of California at Berkeley, USA, Fellow of the
Wissenschaftskolleg 2010/2011: “Virulence evolution under antigenic escape”

Coffee break (at about 10:30 a.m.)

Britt Koskella, University of California at Berkeley, USA, Fellow of the
Wissenschaftskolleg 2021/2022: “Coevolution in the Phyllosphere?”

Eva Stukenbrock, Kiel University, Kiel, Germany:
“Environmental and ecological interactions drive rapid adaptive evolution in fungal genomes”

2:15 p.m. to 5:00 p.m.

Aurélien Tellier, Technische Universität München, Freising, Germany:
“Cross-species statistics to infer host-parasite interactions using genome-wide polymorphism data”

Dieter Ebert, University of Basel, Switzerland, Permanent Fellow of the
Wissenschaftskolleg: “Co-genomics as a tool to understand coevolution”

Coffee break (at about 3:30 p.m.)

Jessica Metcalf, Princeton University, USA, Fellow of the Wissenschaftskolleg
2021/2022: “Hosts, microbes and the evolution of the duration of sensitive windows
in immunity”

Peter Tiffin, University of Minnesota, USA (via zoom): “Combining GWAS and
population genomic analyses reveals little evidence of ongoing coevolution in a
legume-rhizobia symbiosis”

7:30 p.m.: Dinner in town. Everybody welcome. Please tell Dieter Ebert if you would like
to join.