

SEMINARS

IN EVOLUTION & ECOLOGY

WS 2022-2023 MONDAYS 12:05

- 24.10 A journey from neural circuit dissection to *Drosophila* neuroethology**
Mathias Wernet (Inaugural lecture, FU Berlin)
- 31.10 Chemically mediated interactions between predators and prey**
Hannah Rowland (Max Planck Institute for Chemical Ecology, Jena)
- 07.11 My journey with microbiomes: From plants to human gut**
Ezgi Ozkurt (Earlham Institute & Quadram Institute, UK)
- 14.11 Causes and consequences of protein aggregation in *E. coli***
Abram Aertsen (KU Leuven, Belgium)
- 21.11 Tango for two – or for three? The role of insect and gut microbial detoxification mechanisms in cabbage root fly (*Delia radicum*) host adaptation**
Nicole van Dam (German Centre for Integrative Biodiversity Research, Halle-Jena-Leipzig)
- 28.11 Exploiting epistasis to curb the evolution of antibiotic resistance**
Tobias Bollenbach (University of Cologne)
- 05.12 Living time capsules: tracing evolutionary adaptation in a changing world**
Dagmar Frisch (Leibniz Institute of Freshwater Ecology and Inland Fisheries, Berlin)
- 12.12 Pushing biomarkers beyond biological reductionism: A story of DNA-methylation measures of aging across the lifespan**
Laurel Raffington (Max Planck Institute for Human Development, Berlin)
- 09.01 Integrative biology of seasonal adaptations: microclimate, thermal physiology and timing mechanisms**
Philipp Lehmann (University of Greifswald)
- 16.01 Smarts in the city: personality and innovation in rural and urban small mammals**
Valeria Mazza (University of Potsdam)
- 23.01 *C. elegans* microbiota-mediated protection against pathogens**
Katja Dierking (Kiel University)
- 30.01 Title: TBA. Keywords: biophysics and evolutionary dynamics**
Oskar Hallatschek (University of California, Berkeley)
- 06.02 Can we save future coral reefs with assisted evolution**
Julia Strahl (Helmholtz Institute for Functional Marine Biodiversity at the University of Oldenburg)
- 13.02 Title: TBA. Keywords: biodiversity, land-use changes, climate change**
Anja Linstädter (University of Potsdam)

SEMINARS ARE PLANNED TO BE HELD IN HYBRID: IN PRESENCE IN THE LECTURE HALL IN ZOOLOGY BUILDING, KÖNIGIN-LUISE-STR 1-3, AND VIA WEBEX.

FOR LAST-MINUTE CHANGES, SEE HERE:

<https://www.bcp.fu-berlin.de/en/biologie/vortraege/zoo/index.html>

PLEASE CONTACT SOPHIE.ARMITAGE@FU-BERLIN.DE IF YOU WOULD LIKE TO BE ADDED TO THE MAILING LIST