Public presentations of PhD thesis projects
Fakultätsöffentliche Präsentationen (FÖP)

14 June 2024, 09:15 – 16:00, University of Vienna Biology Building (UBB) SR 3.1

SLOT I 09:15 – 10:15
Chair: Christian Griebler

Hannah Grabmayer
Unseen Women – The Women’s Hospital of Elisabethians in Vienna from a Bioarchaeological Perspective
Supervisor: Sylvia Kirchengast

Andrea Stadlmayr
Crumbled lives: a bioarchaeological investigation to reconstruct the life and death of Roman period cremated individuals at the Austrian Danube Limes
Supervisor: Sylvia Kirchengast

Gudrun Schwarze
Morphogenesis, gene expression, and metamorphosis in a vermetid gastropod
Supervisor: Andreas Wanninger

SLOT II 10:30 – 11:30
Chair: Christian Griebler

Matthäus Greilhuber
Population genomics of large branchiopods in the Pannonian Basin
Supervisors: Luise Kruckenhauser, Martin Schwentner

Jennifer Hennenfeind
The interplay of biodiversity change, climate change and violent conflict
Supervisors: Franz Essl, Bernd Lenzner

Rosemarie Benthen
Evolution of the karyotypes and genomes of peppers (genus Capsicum, Solanaceae)
Supervisor: Hanna Schneeweiss

Lunch Break
**SLOT III 13:00 – 13:40**
Chair: Hanna Schneeweiss

**Angela Cukusic**
*The microbiome of Urban Aquifers - Case Studies: Berlin and Vienna*
Supervisors: Christian Griebler, Clemens Karwautz

**Michiel Busschaert**
*Data-driven control of heterogenous population systems*
Supervisors: Steffen Waldherr, Florence Vermeire (KU Leuven)

**SLOT IV 13:45 – 14:45**
Chair: Hanna Schneeweiss

**Mengke Li**
*The Holobiont for improving nitrogen use efficiency (NUE) and establishing sustainable agricultural production system*
Supervisors: Wolfram Weckwerth

**Yuhang Meng**
*Forecasting and Regression of environmental, clinical, and translational large-scale OMICS data sets with deep learning and biomathematical modelling*
Supervisors: Wolfram Weckwerth, Steffen Waldherr

**Kaijie Liang**
*Genome Prediction and Functional Analysis in Large Germplasm Resources Based on omics Data and GWAS*
Supervisor: Wolfram Weckwerth

**SLOT V 15:00 – 16:00**
Chair: Hanna Schneeweiss

**Pablo Rolle**
*Metabolic Modeling and Dynamic Simulation of Plant-Microbe Ecology*
Supervisor: Steffen Waldherr

**Angus Hilts**
*Metabolic networks in Methanothemobacter marburgensis for cell factory development*
Supervisor: Simon Rittmann

**Patrick Etzler**
*Palaeoparasitological studies of vertebrate coprolites with emphasis on endoparasites of Archosauromorpha*
Supervisor: Jürgen Kriwet

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Afterwards: Drinks and pizza from 17:00