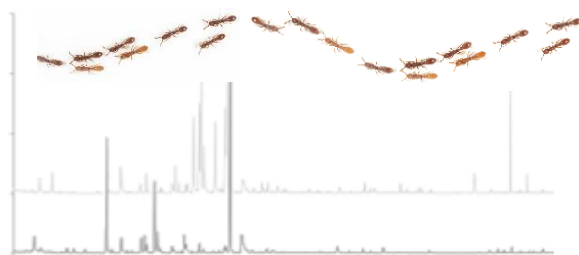
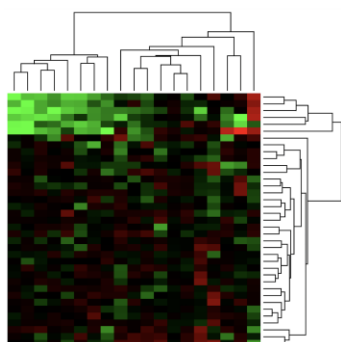
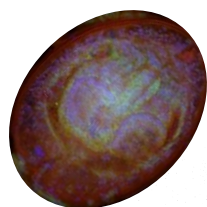


Evolution, Ecology and Behaviour

M.Sc. Biology Module 2 A, B, C

A hands-on course on concepts and tools in behavioural ecology and social evolution – from molecules to organisms



COURSE CONTENT

Lecture (Oct - Dec)

Behavioural ecology

Sexual selection

Social Evolution

Molecular Evolution

Molecular basis of behaviour

Communication & chemical ecology

Bioinformatics and Biostatistics

Practical (Nov - Dec)

Analyse behavior and gene expression

Identify chemicals with GC-MS

Use R to statistically analyse your data

Design and perform your own study

What you'll learn

- Key concepts in molecular evolution, behavioural ecology, chemical ecology, and social evolution
- How to design and analyse your own experiment

LECTURERS/INSTRUCTORS

Prof. Susanne Foitzik (foitzik@uni-mainz.de)

PD Dr. Florian Menzel Dr. Romain Libbrecht

Dr. Joe Colgan Dr. Hugo Darras

For more information about us:



A Module: lecture + 2.5 weeks practical (exam + protocol)

B Module: research project (5 weeks), flexible in winter / spring (protocol + presentation)

C Module: lecture + seminar (exam + presentation)

