

From Fungal Morphology to Genotype



University of Warsaw, Warsaw, Poland



Charles University, Prague, Czech Republic



Heidelberg University, Heidelberg, Germany



Erasmus+

The course is supported by ERASMUS funding.

From Fungal Morphology to Genotype

- field trips with demonstration of local mycobiota
- lectures, workshops (DNA extraction and analysis, scientific drawing, fungarium specimens preparation)
- **work on projects**



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The use of molecular data in fungal identification
and taxonomy

What is a sequence, how will we get it and how will we edit it?

How can we identify fungi based on molecular markers?

How can we perform simple phylogenetic analyses and make phylogenetic trees?

How do we record, store and publish metadata to our specimens and sequences?

The use of molecular data in fungal identification and taxonomy

10:00 – 10:15 General Introduction + Introduction to the Projects (Ondřej Koukol, CU)

10:15 – 11:15 Sequence editing (Julia Pawlowska, UW)

11:15 – 11:30 Coffee break

11:30 – 12:30 Identification using NCBI BLAST search (Ondřej Koukol, CU)

12:30 – 13:30 Data recording platforms, online tools and apps (Julia Pawlowska, UW)

13:30 – 14:00 General Discussion