

Basic Evolutionary Genomics

(Lecture 2 SWS; 3 ECTS)

Prof. Dr. John Parsch

- EES and MEME master programs
- Other master programs of the LMU Faculty of Biology
- Master/bachelor bioinformatics

This 4-week block course will consist of lectures and exercises that provide an introduction to the field of genomics, with emphasis on evolutionary applications. A final exam will be given at the end of the course. Topics:

Genome Sequencing, Assembly and Annotation
Bacterial Genomes
Eukaryotic Genomes
Functional Genomics
Transcriptomics
Interactomics
Proteomics
Next Generation Sequencing Technologies

Location: Kleiner Hörsaal II (room B01.027), LMU Biozentrum

Time/Dates: Tue – Fri, 12:00 – 13:45 (Does not meet on Mondays!)

Dates: April 23 – May 17, 2019