

Wolf Jürgen Streich / Heribert Hofer

**Introductory course:
Solving problems in biostatistical analysis and experimental design in the life sciences**

Day 1: Basic concepts of biostatistical analysis

Day 2-3: Overview of the most common non-parametric tests and practical applications

Day 3-4: Overview of the most common parametric tests and practical applications

The course intends to provide the students with basic skills to:

- find suitable tests for their questions and their data
- become aware of traps and misuse in the application of statistics
- recognize requirements and limitations of tests
- use a statistical software

A laptop is required (Windows OS).