

BIOME Core: Clinical Research

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Aims and objective of the core

We define “clinical research” as patient-oriented research that includes the evaluation of diagnosis, prognosis and treatment effects. Related study designs include randomized trials, cohort studies, case-control studies and cross-sectional studies.

The aim of the core is to provide a structured doctoral program that offers opportunities to acquire:

- **general scientific skills** (logic of scientific discovery, reading of scientific papers, scientific writing, oral presentation, scientific English)
- **specific, research-related skills** (ethic review, data confidentiality, study protocol development, data management, quality assurance, data analysis)
- **insights into research methods and techniques that become relevant during the postdoc period** (grant proposal writing, funding for clinical research, principles of phase I-IV clinical studies)

Requirements for doctoral students

- English language
- 90% participation of lectures (Laufzettel)
- 2 Presentations of own project by student
- Registration by e-mail with application form to delia.cosgrove@uni-due.de

Lecture series

- Part I: open to all members of the faculty
- Part II: internal (core members only as unpublished data is discussed)

Clinical Research lectures take place every month starting in October of each year. The lecture series ends in July each year. It includes a presentation on one of the above-mentioned topics (general skills, specific skills, research methods and techniques for postdocs) at the first hour. During the second hour, doctoral students present their projects.

Evaluation

Not planned.

Certificate

From BIOME after completion of all requirements. 90% participation of lectures and doctoral presentations is obligatory.