Research Training Group

CSCC-RTG Study Program

The research training program of the CSCC-RTG is organized in collaboration with its neighbouring graduate schools and research training groups, the Jena International Graduate School of Molecular medicine (JSMM), Jena School for Microbial Communication (JSMC), Interdisziplinäres Zentrum für Klinische Forschung (IZKF), Leibniz Graduate School on Ageing and Age-Related Diseases (LGSA) and the RTG1715. The CSCC-RTG curriculum includes a multifaceted scientific program of lectures, meetings, seminars and workshops to deepen the knowledge in the area of sepsis research and in molecular medicine in general as well as to extend the methodological and professional skills. The study program includes:

Communication of scientific core competences in practical courses and workshops, method seminars, research colloquiums at the CSCC (e. g. lecture series "Sepsis and its Sequelae"), work-in progress seminars and group meetings, thematic or consultation seminars, journal clubs, summer schools or retreats.

Lectures, at which renowned resident and guest scientists present their scientific work, will be organized about monthly. MD and PhD students attend these events on a regular basis.

Seminars, courses, workshops and journal clubs organized by the CSCC research groups are obligatory for the students. They offer the opportunity to present the own scientific work to a familiar audience focusing on ongoing experiments, troubleshooting, critical discussion as well as on the improvement of presentation skills. The participation in the annually organized CSCC retreats, where more general matters of the scientific and structural development of the CSCC are discussed, is mandatory as well.

Communication of interdisciplinary competences and transferable (soft) skills in courses for key qualifications and general skills offered by the JGA or the CSCC. The aim of the soft-skill training is the transfer of knowledge and skills which contribute to a versatile education of PhD students and prepares graduates for their following career in clinical or biomedical science, pharmaceutical industry and other professions.

Possible areas are electronic data processing and media, management, project funding and organisation, communication and presentation, career planning and languages. Soft skill seminars may include further topics like bioethics, environmental law, patent law or women's rights. In addition, any activities in science or health communication to the public (e.g. Long Night of Sciences, articles for websites) will be credited.

Mentoring program
Acquisition of teaching knowledge and providing guidance for less qualified persons, such as involvement in undergraduate teaching, guidance of research students and trainees is considered to be part of the aimed qualification profile. In their research groups and institutes students are involved in supervision of scholars and students during practical courses. These activities are credited to promote the capability for teamwork and to acquire mentoring competencies.