



Foto: Szabo



Graduate Programme “Experimental Medicine” of the Interdisciplinary Centre for Clinical Research

The Interdisciplinary Center of Clinical Research of the Jena University Hospital (IZKF) promotes clinical and basic research. The graduate programme „Experimental Medicine“ is part of the IZKF promotion programme for young scientists. It is open to doctoral students of life sciences and medicine coming from different research groups of the Medical Faculty and provides a diversified curriculum and supervision programme of high standard.

The qualification programme familiarizes students with up-to-date topics of molecular and experimental medicine and modern laboratory techniques. It includes a lecture series, which is dealing with the pathogenesis of immunological, inflammatory, oncological and neurological diseases and provides insights into models and laboratory techniques of modern molecular medicine. In addition, method courses are offered, which focus on advanced molecular biology techniques, imaging techniques, electrophysiological methods and functional, morphological and behavioural studies in animals, and teach students how to apply these methods to investigations of molecular disease mechanisms.

The doctoral studies are supervised by a thesis committee and documented in annual research reports. The aim of this graduate programme is to develop doctoral students into competent young scientists who will prospectively address topics of experimental medicine in clinical and basic research studies in a

collaborative and successful manner.

Scientific topics

Experimental medicine, molecular medicine

Participating Faculty of FSU Jena

Faculty of Medicine

Preferred language

English

Current number of doctoral candidates

40

How can I become a doctoral candidate? What is the method of selection?

The doctoral candidates will be selected by the respective principal investigators on the basis of scientific excellence and potential.

Are there fixed dates to apply?

No.

Are there possibilities to be funded in this programme?

The IZKF advertises doctoral fellowships for medical students twice a year (January/June). During the annual Summer School Molecular Medicine a PhD fellowship is awarded.

Interesting for graduates of the following subjects:

Life sciences /medicine

Prospective degree

Dr. rer. nat. (PhD), Dr. med.

Contact

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