Eligibility

The program is open to graduate students with a Master of Science, Diploma or international equivalent degrees in Biology, Chemistry, Physics, Biomedicine, Pharmacy, Nutritional Science, Biotechnology, Medicine, Dental Medicine and related study programs. Students of medicine and dental medicine can enter the MD/Ph.D. program (Dr. rer. nat.) after passing the second section of the medical exam and completion of the dissertation for Dr. med. or Dr. med. dent.

You may apply to BIGS Neuroscience at www.bigs-neuroscience.de

Chair

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Bonn International Graduate School
‘BIGS Neuroscience’
Bonn International Graduate School ‘BIGS Neuroscience’

BIGS Neuroscience is committed to providing a top-level, internationally competitive program in the rapidly developing field of neuroscience. The school is focused on understanding the molecular and cellular mechanisms underlying complex behavior, and the application of these insights to central nervous system disorders. This interdisciplinary school includes scientists from the Faculty of Mathematics and Natural Sciences, the Faculty of Medicine, the German Center for Neurodegenerative Diseases in the Helmholtz Association and the Research Institute Caesar in the Max Planck Association.

Curriculum

BIGS Neuroscience offers a broad and advanced curriculum. The core of Ph.D. education consists of scientific research conducted in one of the participating research groups. To support the training of students, and to supplement their hands-on laboratory learning, BIGS Neuroscience provides an advanced educational curriculum that incorporates practical courses in cutting-edge technologies, a methods seminar series, as well as a scientific seminar series. The curriculum can be selected from a broad range of courses according to the topic of the thesis and the individual preferences of the student. Courses are held in English.

These educational measures are complemented by a mentoring and reporting program, comprehensive measures for early career development and support for scientific networking. Interaction and cooperation is a major goal of BIGS Neuroscience, and is achieved via regular retreats, student conferences and social events. There is also financial support for students to participate in international conferences, or to engage in longer-duration international research visits.

Interested? Look up the curriculum of BIGS Neuroscience at www.bigs-neuroscience.de/research-and-training

Science

BIGS Neuroscience Principal Investigators (PIs) are fascinated by the intricacies of the brain, and how it gives rise to complex behavior. Many BIGS Neuroscience PIs are also working on common brain disorders, and the mechanisms underlying symptoms and treatment of human CNS disorders.

Interested? Look up the BIGS Neuroscience PIs at www.bigs-neuroscience.de/application