

International Neuroscience Doctoral Programme

Research on the biological basis of mind and behaviour

2010 Call for Applications

Applications from independent thinkers with curiosity, creativity and drive are sought to join the International Neuroscience Doctoral Programme (INDP). The INDP aims to provide students of diverse backgrounds with a foundation to perform innovative and interdisciplinary work in basic or applied neuroscience at an international level.

Successful applicants will demonstrate the ability to tackle difficult intellectual challenges, to learn new skills and ways of thinking and to work passionately as part of a research team. Predoctoral training in quantitative disciplines (e.g. physics, mathematics, computer science), biological sciences (e.g. biology, medicine, bioengineering) or related fields is important. Previous research experience is also desirable but not required.

The INDP is associated with the Champalimaud Neuroscience Programme, soon comprising ten research groups with a focus on the neural circuits and systems underlying mind and behaviour. The INDP is based at the Instituto Gulbenkian de Ciência (IGC), outside Lisbon, Portugal. The IGC is a dynamic international research environment hosting 200 scientists and PhD students in diverse fields of biology and biomedicine. Over 30 students are currently enrolled in the INDP, which will enter its fourth year in 2010.

Before beginning thesis research, admitted students will complete one year of intensive courses led by distinguished local and invited international scientists. The topics of instruction include molecular & cellular biology, ecology & evolution, neurophysiology & neuroanatomy, learning & development, sensory & motor systems, and computational & cognitive neuroscience, while the overall format emphasizes team work and informal interaction in both classroom and laboratory.

The INDP is supported by funding from the Science and Technology Foundation (FCT), the Champalimaud Foundation, and the Gulbenkian Foundation. Successful applicants of all nationalities will be supported by a Training Fellowship (BI-Bolsa de Investigação) from the FCT and, if accepted for the second phase, by a Doctoral Fellowship (BD-Bolsa de Doutoramento) for a period of up to 3 years, to perform thesis work in local or national research groups. Portuguese citizens are also eligible for FCT support for thesis work in selected laboratories anywhere in the world.

The application deadline is January 15th, 2010. Further information, entrance requirements and application procedures are available at www.ineurophd.org.