



# **IBRO-APRC School of Neuroscience on Recent Advances in Tools and Techniques in Neuroscience Research March 26 - 31, 2018**

**Organizer:** Dr. Amul Sakharkar

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**Aims and Scope of the School:** The School will offer an opportunity to the students to achieve the deep insights into the field of neuroscience and the advances in technologies that could be utilized to understand the complex phenomenon operated by neural systems.

**Description:** This 6 days Associate School will consist of Seminars, group discussions, presentations by participants and hands-on training on some cutting-edge technologies. The scientists from academic and research institutions and experts from industries with excellent credentials will be invited to deliver the seminars, serve as members on panel discussions and also interact with the students. The students will be offered to present their work and technical details about their research. Scientists and students will engage in panel discussions on different research areas and relevant technologies. Students will present the posters about their research and the best poster will receive the award after thorough scrutiny by the experts.

In terms of technical demonstrations, the goat brain dissection explaining the entire neuroanatomy will be shown to the participants. Cutting-edge techniques such as metabolomics, robotic arms, optogenetics, computational analysis of network activity, high-resolution refractory task assay, etc. will be demonstrated.

## **Who should apply to this School?**

Students from medical (MD) and science (Ph.D. and post-doctoral) pursuing research in neuroscience from India and Asia-Pacific countries.

## **What cost will be covered for selected applicants?**

The cost of round-trip within India, lodging, boarding, and local hospitality will be covered. In exceptional cases from Asia-Pacific countries, the cost of round-trip air-tickets will be covered after the evaluation of the application by the local organizing committee.

**Application deadline: December 24, 2017 (11:59 p.m. CET)**

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