



INTERNATIONAL BRAIN RESEARCH ORGANIZATION

IBRO-APRC School organized at SCTIMST, Trivandrum



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IBRO-APRC International Neuroscience School 2019

**Theme of IBRO School: Advanced Techniques to
Explore the Functions of Normal and Diseased Brain**

22 April – 6 May 2019

International Brain Research Organization - Asia Pacific Research Council (IBRO-APRC) School is a two weeks residential workshop program organized at SCTIMST. This School is sponsored by the IBRO and shortlisted participants (27) are PhD and Post-doc students in Neuroscience from the Asia-pacific region. During this School, insight will be provided into the functioning of normal and diseased brain through several advanced techniques in different models. Various tools like MRI, fMRI, TMS, patch clamp, molecular imaging, epigenetic tools, optogenetics, EEG and polysomnography will be taught with hands-on to demonstrate brain functioning at different levels. The details of nanotechnology tools for CNS drug delivery, theranostic applications will be shown. Methods for nanotoxicity evaluation will be demonstrated. 3-D printing as a prospective technique for scaling up demands of several tissues will be demonstrated. A special workshop on the Neuroethics to discuss the ethical conduct in scientific research will be the novel component in this School.

Student selection: Completed

Contact email: ibro.aprc.sctimst2019@gmail.com

Faculty of the IBRO School

International

Dr Akihiro Yamanaka, Nagoya University, Nagoya, Japan
Dr Tomomi Shimogori, RIKEN Center for Brain Science, Saitama, Japan
Dr Amita Sehgal, University of Pennsylvania, Philadelphia, USA
Dr Ranil De Silva, University of Sri Jayewardenepura, Nugegoda, Sri Lanka
Dr Sajikumar Sreedharan, National University of Singapore, Singapore
Dr Sunil Dhungel, Kathmandu, Nepal

National

Dr Easwer HV, SCTIMST, Trivandrum, Kerala, India
Dr Mohanakumar KP, IUCB Research & Super Specialty Hospital, MGU, Kerala, India
Dr V Mohan Kumar, Trivandrum, Kerala, India
Dr Sanjeev Thomas, SCTIMST, Trivandrum, Kerala, India
Dr PN Sylaja, SCTIMST, Trivandrum, Kerala, India
Dr TR Raju, NIMHANS & SVYASA Yoga University, Bangalore, India
Dr Kesavadas C, SCTIMST, Trivandrum, Kerala, India
Dr Moinak Banerjee, RGCB, Thiruvananthapuram, Kerala, India
Dr James P.C. Chelliah, JNCASR, Jakkur, Bangalore, Karnataka, India
Dr Sapna Erat Sreedharan, SCTIMST, Trivandrum, Kerala, India
Dr Anoop Kumar Thekuvettil, SCTIMST, Trivandrum, Kerala, India
Dr Suman Jain, AIIMS, New Delhi, India
Dr Lissy K. Krishnan, SCTIMST, Trivandrum, Kerala, India
Dr Pankaj Seth, NBRC, NH-8, Manesar, Haryana, India
Er S Balram, SCTIMST, Trivandrum, Kerala, India
Dr Pravat Mandal, NBRC, NH-8, Manesar, Haryana, India
Dr Mohanan PV, SCTIMST, Trivandrum, Kerala, India
Dr Pallab Bhattacharya, NIPER, Gujarat, India.
Dr Bejoy Thomas, SCTIMST, Trivandrum, Kerala, India
Dr Jackson James, RGCB, Trivandrum, Kerala State, India
Dr Arvind Kumar, CSIR-CCMB, Hyderabad, India
Dr Shankaranarayana Rao, NIMHANS, Bangalore, India
Dr Pradeep Punnakkal, SCTIMST, Trivandrum, Kerala, India
Dr RV Omkumar, RGCB, Thiruvananthapuram, Kerala, India
Dr Nisha N Kannan, IISER, Vithura, Thiruvananthapura, Kerala, India
Dr Manzoor K, Amrita Centre for Nanosciences and Molecular Medicine, Kochi, Kerala
Dr Jayasree RS, SCTIMST, Trivandrum, Kerala, India
Dr Arun Anirudhan V, SCTIMST, Trivandrum, Kerala, India
Dr Yoganarasimha Doreswamy, NIMHANS, Bangalore, India
Dr Dinoop KP, SCTIMST, Trivandrum, Kerala, India
Dr Anil Kumar PR, SCTIMST, Trivandrum, Kerala, India
Dr Vinod Kumar, University of Delhi, Delhi, India
Dr Bindu M Kutty, NIMHANS, Bangalore, India
Dr Roy Joseph, SCTIMST, Trivandrum, Kerala, India
Er Jithin Krishnan, SCTIMST, Trivandrum, Kerala, India
Dr Deepti AN, SCTIMST, Trivandrum, Kerala, India
Dr Doris George Yohannan, Government Medical College, Trivandrum
Dr Aswathy Maria Oommen, Government Medical College, Trivandrum
Er Praveen James, SCTIMST, Trivandrum, Kerala, India
Dr Kamalesh K Gulia, SCTIMST, Trivandrum, Kerala, India