

**IBRO-APRC Associate School on Basic Techniques in Neuroscience –
The 2nd Ulaanbaatar School**

PROGRAM (day by day activities)

IBRO-APRC Associate School on Basic Techniques in Neuroscience – The 2nd Ulaanbaatar School 2019 will provide a 6-day program including lectures, technical talks, interactive discussions (neuroethics), and hands-on techniques. All lectures will be conducted at the Mongolian National University of Medical Sciences.

Sunday, September 1st, 2019: Registration & Hotel check-in

Day 1 : Monday, September 2nd

- 8:00-8:30 Registration
- 8:30-9:00 a) Opening ceremony
b) Interactions between school faculties and students
c) School Memorial Photography
- 9:00-10:00 Lecture 1: Cell signaling
- 10:00-10:15 Tea break
- 10:15-11:15 Tech-talk 1: DNA extraction protocols
- 11:15-13:15 Hands-on session 1: Perfusion fixation of mice
- 13:15-14:00 Lunch
- 14:00-15:00 Tech-talk 2: Cell viability assay
- 15:00-17:00 Hands-on session 2: Cryostat sectioning of mice brain
- 17:00-17:30 Break
- 17:30-18:00 Interactive Discussion 1: Responsible conduct of research
- 18:00-19:00 Welcome dinner

Day 2 : Tuesday, September 3rd

- 9:00-10:00 Lecture 2 : Neuroinflammation
- 10:00-11:00 Tech-talk 3: Western blotting
- 11:00-13:00 Hands-on session 3: Cresyl-violet staining
- 13:00-14:00 Lunch
- 14:00-15:00 Tech-talk 4: Essentials in RT-qPCR
- 15:00-17:00 Hands-on session 4: DAPI/NeuN fluorescence staining
- 17:00-17:30 Break
- 17:30-18:30 Interactive Discussion 2: Case/theme based journal club
- 18:30-20:00 Dinner

Day 3 : Wednesday, September 4th

- 9:00-10:00 Invited lecture 1: Psychoneuroimmunology
- 10:00-11:00 Tech-talk 5: Essentials in ELISA
- 11:00-13:00 Hands-on session 5: Open field microscopy
- 13:00-14:00 Lunch
- 14:00-15:00 Tech-talk 6: Confocal microscopy
- 15:00-16:00 Lecture 3: Principles for modern neuroethics
- 16:00-16:15 Break
- 16:15-18:00 Hands-on session 6: Fluorescence/Confocal microscopy
- 18:00-19:00 Interactive Discussion 3: Open discussion on neuroethics
- 19:00-20:00 Dinner

Day 4 : Thursday, September 5th

- 9:00-10:00 Invited lecture 2: Spinal degeneration
- 10:00-11:00 Tech-talk 7: Stereotaxic ICV injections
- 11:00-13:00 Hands-on session 7: Cell culture technique
- 13:00-14:00 Lunch
- 14:00-15:00 Tech-talk 8: Tracing methods
- 15:00-16:00 Lecture 4: Neuroendocrinology
- 16:00-16:15 Break
- 16:15-18:00 Hands-on session 8: Western blotting analysis
- 18:00-19:00 Dinner

Day 5 : Friday, September 6th - The 6th Annual Meeting of MNS

- 09:00-10:30 Opening Ceremony of The 6th Annual Meeting of MNS
- 09:00-09:30 Plenary lectures
- 10:30-10:45 Coffee break
- 10:45-12:00 IBRO lectures
- 12:00-13:00 Lunch break
- 13:00-14:00 Neuroscience
- 14:00-15:00 Neurology and Neuroimaging
- 15:00-15:15 Coffee break
- 15:15-17:00 Psychiatry and Social Psychology
- 18:00-20:00 Welcome reception

Day 6 : Saturday, September 7th - The 6th Annual Meeting of MNS

- 09:00-10:30 Lectures on intelligence property
- 10:30-10:45 Coffee break
- 10:45-11:50 Neuromarketing
- 11:50-12:00 Closing remarks

Day 7 : Sunday, September 8th – Social event program

- 10:00-17:00 Culture program/ Trip to a remote area
- 17:00- Departure