IBRO-APRC ASSOCIATE SCHOOL ON BASIC TECHNIQUES IN NEUROSCIENCE

The 1st Ulaanbaatar School, Mongolia, September 17 – 22, 2018

Tentative program (day by day activities)

The School will provide a 6-day program including comprehensive lectures, interactive discussions, and hands-on techniques. All lectures will be conducted in the Core Laboratory of the Mongolian National University of Medical Sciences.

Sunday, September 16th, 2018: Registration & Hotel check-in

Day 1 : Monday, September 17th	
9:00-9:30	Registration
9:30-10:00	a) Opening ceremony b) Interactions between school faculties and students c) School Memorial Photography
10:00-11:00	Lecture 1: Cell signaling in the brain
11:00-11:15	Tea break
11:15-12:00	Technical lecture 1: Cell viability assay
12:00-13:00	Lunch
13:00-14:00	Lecture 2: Neuronal type-specific gene expression
14:00-14:15	Tea break
14:15-15:00	Technical lecture 2: DNA extraction protocols
15:00-17:00	Visit to the Start-up Companies of MNUMS–Enterpreneurship
17:00-19:00	Welcome dinner & back to hotel

Day 2 : Tuesday, September 18th	
9:00-10:00	Lecture 3: Neuroinflammation
10:00-10:15	Tea break
10:15-11:00	Technical lecture 3: Essentials in RT-qPCR
11:00-12:00	Interactive Discussion 1: Poster presentations
12:00-13:00	Lunch
13:00-14:00	Lecture 4: Gene sequencing in neurodegenerative disorders
14:00-14:15	Break
14:15-15:00	Technical lecture 4: Genotyping methods
15:00-17:00	Interactive Discussion 1: Poster presentations
17:00-18:00	Dinner & back to hotel

Day 3 : Wednesday, September 19th	
9:00-10:00	Lecture 5: Neuroendocrinology
10:00-10:15	Tea break
10:15-11:00	Technical lecture 5: Insulin tolerance test for rodents
11:00-12:00	Interactive discussion 2: Oral presentations (selected students)
12:00-13:00	Lunch
13:00-14:00	Lecture 6: Consciousness and neural correlates
14:00-14:15	Tea break
14:15-15:00	Technical lecture 6: Primary neuronal cell culture

15:00-17:00	Visit to the Museum of Mongolian Medicine, Human Anatomy
17:00-18:00	Dinner & back to hotel

Day 4 : Thursday, September 20th	
9:00-10:00	Invited lecture 1: Developmental neuroscience
10:00-10:15	Tea break
10:15-12:00	Hands-on session 1: Cell culture using ENDD cell line
12:00-13:00	Lunch
13:00-14:00	Invited lecture 1: Behavioral Neurophysiology
14:00-14:15	Tea break
14:15-17:00	Hands-on session 2: Nitric oxide as a marker of oxidative stress
17:00-18:00	Dinner & back to hotel

Day 5 : Friday, September 21st - The 5th Annual Meeting of MNS	
9:00-10:30	IBRO lectures
10:30-10:45	Coffee break
10:45-12:00	IBRO lectures
12:00-13:00	Lunch break
13:00-13:30	Opening Ceremony of The 5th Annual Meeting of MNS
13:30-13:40	Meeting memorial photography
13:40-16:00	Plenary lectures
16:00-17:30	Introductory lectures
18:00-20:00	Welcome reception

Day 6 : Saturday, September 22nd - The 5th Annual Meeting of MNS		
	Hall A	Hall B
9:00-10:30	Neuroscience	Neuroimaging
10:30-10:45	Coffee break	
10:45-12:00	Neurology	Neurosurgery
12:00-13:00	Lunch break	
13:00-14:45	Psychiatry	Satellite event 1
14:45-15:00	Coffee break	
15:00-16:30	Social Psychology	Satellite event 2
16:30-17:00	Closing remarks & Award Ceremony	
17:00-18:00	Dinner & back to hotel	

Day 7 : Sunday, September 23rd – Cultural exchange program	
10:00-17:00	Check-out from hotel
17:00-18:00	School Organizing Committee Meeting

LECTURES, EXPERIMENTAL TRAINING, AND GROUP DISCUSSIONS

- Proposed lectures and technical lectures:
  Invited Lecture 1: Masanori Murayama (Riken Brain Science Institute, Japan)

  Invited Lecture 2: Tetsuya Hiramoto (Kyushu University, Japan)

  Lecture 1: Cell signalling in the brain (Bilegtsaikhan Ts, MNUMS)

  Lecture 2: Neuronal type-specific gene expression (Jambaldorj J, MNUMS)

  Lecture 3: Neuroinflammation (Enkhsaikhan L, MMUMS)

  Lecture 4: Gene sequencing in neurodegenerative disorders (Sevjidmaa B, MNUMS)

  Lecture 5: Neuroendocrinology (Damdindorj B, MNUMS)

  Lecture 6: Consciousness and neural correlates (Battuvshin L, NCMH)

  Technical lecture 1: Cell viability assay (Bilegtsaikhan Ts, MNUMS)

  Technical lecture 2: DNA extraction protocols (Enkhsaikhan L, MMUMS)

  Technical lecture 3: Essentials in RT-qPCR (Jambaldorj J, MNUMS)

  Technical lecture 4: Genotyping methods (Sevjidmaa B, MNUMS)

  Technical lecture 5: Insulin tolerance test for rodents (Damdindorj D, MNUMS)

  Technical lecture 6: Primary neuronal cell culture (Darambazar G, MNUMS)

  IBRO Lectures: (The 5th Annual Meeting of MNS)

- Experimental trainings:
  Hands-on session 1: Cell culture using ENDD cell line (Bilegtsaikhan Ts, MNUMS)

  Hands-on session 2: Nitric oxide as a marker of oxidative stress (Bilegtsaikhan Ts, MNUMS)

- Group discussions
  Group discussion 1: Poster presentations (all students)

  Group discussion 2: Oral presentations (selected students)