

IBRO-APRC Associate School on Basic Techniques in Neuroscience –

The 2nd Ulaanbaatar School

FACULTY LIST

Nr.	Name	Position	Affiliation
1	Battuvshin Lkhagvasuren	Head, Department of Science and Technology	Mongolian National University of Medical Sciences
2	Damdindorj Boldbaatar	Dean, Graduate School	Mongolian National University of Medical Sciences
3	Darambazar Gantulga	Dean, High School	Mongolian National University of Medical Sciences
4	Jambaldorj Jamiyansuren	Lecturer, Department of Molecular Biology	Mongolian National University of Medical Sciences
5	Galindev Batnasan	Researcher, Department of Science and Technology	Mongolian National University of Medical Sciences
6	Chimeddulam Erdenebaatar	Researcher, Department of Science and Technology	Mongolian National University of Medical Sciences
7	Khongorzul Batchuluun	Researcher, Department of Science and Technology	Mongolian National University of Medical Sciences
8	Javkhlan Bold	Researcher, Department of Science and Technology	Mongolian National University of Medical Sciences
9	Tetsuya Hiramoto	Head, Department of Psychosomatic Medicine	Fukuoka National Hospital, Japan
10	Vadim Byvaltsev	Head, Department of Neurosurgery	Irkutsk State Medical University, Russia

LECTURES, EXPERIMENTAL TALKS, AND INTERACTIVE DISCUSSIONS

- Lectures and technical talks:
 - Invited Lecture 1: Psychoneuroimmunology (Tetsuya Hiramoto, Fukuoka National Hospital, Kyushu University, Japan)
 - Invited Lecture 2: Spinal degeneration, (Vadim Byvaltsev, Irkutsk State Medical University, Russia)
 - Lecture 1: Cell signalling in the brain (Damdindorj B, MNUMS)
 - Lecture 2: Neuroinflammation (Darambazar G, MNUMS)
 - Lecture 3: Principles for modern neuroethics (Battuvshin L, MMUMS)
 - Lecture 4: Neuroendocrinology (Damdindorj B, MNUMS)
 - Technical talk 1: DNA extraction protocols (Chimeddulam E, MMUMS)
 - Technical talk 2: Cell viability assay (Javkhlan B, MNUMS)
 - Technical talk 3: Western blotting (Chimeddulam E, MNUMS)
 - Technical talk 4: Essentials in RT-qPCR (Jambaldorj J, MNUMS)
 - Technical talk 5: Essentials in ELISA (Javkhlan B, MNUMS)
 - Technical talk 6: Confocal microscopy (Galindev B, MNUMS)
 - Technical talk 7: Stereotaxic ICV injections (Darambazar G, MNUMS)
 - Technical talk 8: Tracing methods (Battuvshin L, MNUMS)
 - IBRO Lectures: (The 6th Annual Meeting of MNS)
- Experimental modules:
 - Hands-on session 1: Perfusion fixation of mice (Galindev B, MNUMS)
 - Hands-on session 2: Cryostat sectioning of mice brain (Battuvshin L, MNUMS)
 - Hands-on session 3: Cresyl-violet staining (Battuvshin L, MNUMS)
 - Hands-on session 4: DAPI/NeuN fluorescence staining (Khongorzul B, MNUMS)
 - Hands-on session 5: Open field microscopy (Galindev B, MNUMS)
 - Hands-on session 6: Fluorescence/Confocal microscopy (Khongorzul B, MNUMS)
 - Hands-on session 7: Cell culture technique (Chimeddulam E, MNUMS)
 - Hands-on session 8: Western blotting analysis (Jambaldorj J, MNUMS)
- Discussions
 - Interactive Discussion 1: Responsible conduct of research
 - Interactive Discussion 2: Case/theme based journal club
 - Interactive Discussion 3: Open discussion on neuroethics
- Entrepreneur tour
 - Visit to “Erdem Pharma” Start-Up pharmaceutical company of MNUMS