

Patch clamp workshop

Ordibehesht 16 – 20, 1397 (May 6 – 10, 2018)

Department of Physiology, Tarbiat Modares University, Tehran, Iran

Participants:

• Morning sessions:

As for the morning sessions, there are no limitations for the number of participants. The priority for the discussion section is for the main accepted workshop participants.

• Afternoon session:

Seven applicants would be accepted to participate lab sessions, in addition to the lectures, amongst senior PhD students, postdocs and/or young assistant professors active in the patch clamp technique.

All lectures & discussion sessions will be in English.

Registration fee:

Attending morning sessions: 500,000 IRR

Attending morning and afternoon sessions: 1500,000 IRR

Application Deadline: April 15, 2018

Director: Saeed Semnani, MD, PhD, Department of Physiology, Tarbiat Modares University, Tehran, Iran

General secretary: Hossein Azizi, PhD, Department of Physiology, Tarbiat Modares University, Tehran, Iran

Workshop program

	Lecture & discussion 9:00 – 11:00	Lecture 11:00 – 12:00		Lab session 13:30 – 17:00
Sunday Ordibehesht 16 (May 6)	Dr. Alasdair Gibb UCL	Dr. M. Janahmadi Shahid Beheshti Univ Med Sci	Lunch, 12:00 – 13:30	1- Fundamentals of a patch clamp setup 2- Trick points in slice preparation 3- Some points in micropipette preparation
Monday Ordibehesht 17 (May 7)	Dr. Alasdair Gibb UCL	Dr. N. Naderi Shahid Beheshti Univ Med Sci		1- Principles of making internal and external solutions 2- Whole cell recording from slice 3- Criteria of a good recording
Tuesday Ordibehesht 18 (May 8)	Dr. Alasdair Gibb UCL	Dr. J. Mirnajafizadeh Tarbiat Modares University		Measuring passive and active properties of neurons
Wednesday Ordibehesht 19 (May 9)	Dr. Alasdair Gibb UCL	Dr. A. Azizi Tarbiat Modares University		Principles of slice stimulations and recording the synaptic transmission in CC or VC mode
Thursday Ordibehesht 20 (May 10)	Dr. Alasdair Gibb UCL	Dr. A. Shojaei Tarbiat Modares University		Advanced data analysis

Opening ceremony: Sunday May 6, 2018, 8:30 – 9:00

Please send your request along with your CV to azizihf@yahoo.com (H. Azizi, 021-8288-4587).

The selected participants will be announced by April 18, 2018.

