

Physiology of the Neuron. 2024.

16/09	9-12h	Casado	Intro + Milestones in membrane physiology
16/09	14-17h	Paoletti	Neurotransmission I
18/09	9-12h	Barbour	Electrophysiology techniques
23/09	9-12h	Casado	Ion channel diversity (and pharmacology)
23/09	14-17h	Barbour	Excitable membranes
25/09	9-12h	Paoletti	Neurotransmission II
30/09	9-12h	Charnet	Structure and function of voltage-dependent ion channels
30/09	14-17h	Charrier	Organization and development of synapses
02/10	9-12h	Girault	Second messengers and intracellular signalling I
07/10	9-12h	Danglot	Vesicular trafficking and receptor dynamics at the cell surface
07/10	14-17h	Specht	Nanosopic imaging and postsynaptic organization
09/10	9-12h	Girault	Second messengers and intracellular signalling II
		Casado_TD	Reading figures, interpreting electrophysiology data, aka « late shows ». 3-4 short sessions in the 16h-17h time window (after some of the « regular lectures »)

16/10 9-12h Examination

Lecturers

Mariano Casado (Ens)
Pierre Paoletti (Inserm-Ens)
Boris Barbour (CNRS-Ens)
Pierre Charnet (CNRS, IBMM Montpellier)
Cécile Charrier (Inserm-Ens)
Jean-Antoine Girault (Inserm, IFM)
Lydia Danglot (Inserm-IJM-IPNP)
Chistian Specht (Inserm-DHNS)