



New lights on neurotransmission: from molecular optogenetics to excitatory glycine NMDA receptors

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The function of the human brain and its remarkable capacity for information storage and experience-dependent change hinge on the dynamics of chemical synapses – main ‘contact points’ between neurons. Our research focuses primarily on glutamatergic synapses and ionotropic glutamate receptors (iGluRs), ion channel receptors that provide the bulk of excitatory neurotransmission in the CNS and that are essential mediators of synaptic plasticity. Recent years have witnessed major progress in our understanding of the structure, mechanisms and regulation of iGluRs. I will present recent studies from our team covering various aspects of iGluR biology, with a special focus on NMDA receptors (NMDARs).

June 30th, 2023, 10.30 a.m.

Epileptology, Seminar Room 266/83, Ground Floor



If you would like to meet with the speaker, please contact:

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