OptoDBS 2019

LNDS PhD course with assessment based on meeting participation, preparation and post-meeting term paper

Date: June 20-22, 2019
Place: Campus Biotech, Chemin des Mines 9, 1202 Genève

2 ECTS (incl. assessments)

Pathological circuit function is at the origin of many symptoms of neurological disorders. The optogenetic toolbox applied to animal models of behavioral diseases has in the last years led to decisive progress with the hope that deep brain stimulation may be used for rational treatments. OptoDBS 2019 will discuss the state of the art of current therapies for DBS and ask how a better understanding of neural circuit dysfunction in pathology could inspire novel protocols. A particular emphasis will be on novel DBS indications such as obsessive compulsive disorders (OCD), depression or addiction. Cutting-edge optogenetic presentations will interleave with clinical studies from leading experts.

Details of the meeting program can be found here.

For LNDS candidates, the participation to local symposia or national conferences usually warrants entries on a “seminar sheet” (12 entries = 1 ECTS) as these events do not provide the possibility to assess students’ learning achievements.

For obtaining full ECTS, the meeting organizers (in particular Christian Lüscher and co-workers) will provide PhD candidates with the opportunity to participate in

- A meeting primer introducing PhD candidates to the background of the research field and general hypotheses and working principles. This priming session will take place on June 20 from 9h30-12h (room tbd). Participants will have to prepare by reading 3 introductory papers (tbd).
- The actual scientific meeting running from June 20-22 (for free).
- Provide a post-meeting 1-page term paper sketching a potential future project in OptoDBS research (before August 1, 2019); to be submitted to lnds@unil.ch (papers will be collectively forwarded to the course organizers for evaluation).

Course registration incl. assessments (possible before May 15 only!)

- LNDS and EDNE-EPFL PhD candidates please register by filling the form here.
- Candidates from other PhD programs please contact Ulrike.toepel@unil.ch first!