

PROGRAMME

Neural circuits of pain: from physiology to pathology

Monday, June 1 st	Tuesday, June 2 nd	Wednesday, June 3 rd	Thursday, June 4 th	Friday, June 5 th
	08.00 – 08.45 Technical talk 1	08.00 – 08.45 Technical talk 3	08.00 – 08.45 Technical talk 5	08.00 – 08.45 Technical talk 7
08.30 – 09.15 Lecture “Does pain in early life matter if we don't remember it?” Simon BEGGS	“Calcium Imaging and Exploratory Data Analysis” Mikkel VESTERGAARD	“Methodological approaches for investigating endocannabinoid system involvement in human pain” David FINN	“3D reconstruction with most recent electron microscopy techniques” Marc LANDRY	“Wireless electrophysiology in freely moving models: New tools to study pain circuits” Benoit GOSSELIN
	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
09.15 – 10.15 Lecture “Neurobiological mechanisms underlying the effects of stress on chronic pain” Michelle ROCHE	09.00 – 12.40 Workshop 1	09.00 – 12.40 Workshop 1	09.00 – 12.40 Workshop 1	09.00 – 12.00 Preparation of student presentations
10.15-10.45 <i>Break</i>				

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10.45 – 11.30 Lecture “Pain and Emotional comorbidities” Ipek YALCIN				
11.30 – 12.15 Lecture “Nociceptive coding in the anterior cingulate cortex and the effects of analgesia” Thomas NEVIAN				
12.15 – 14.00 Lunch	12.45 – 13.45 Lunch	12.45 – 13.45 Lunch	12.45 – 13.45 Lunch	12.00 – 14.00 Lunch
14.00 – 14.45 Lecture “Learning in somatosensory circuits” Stephanie KOCH	13.45 – 17.00 Workshop 2	13.45 – 17.00 Workshop 2	13.45 – 17.00 Workshop 2	14.00 – 16.00 Student presentations and summary

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14.45 – 15.30 Lecture “The neuronal circuits and cellular encoding of thermosensation” Mario CARTA				
15.45-16.00 Break				
16.00 – 18.00 Workshop Career development (students and speakers)	17.00 – 17.45 Technical talk 2 “New tools for analysing somatosensory systems” Stéphanie RATTE	17.00 – 17.45 Technical talk 4 “In vivo optophysiology” Yves de KONINCK	17.00 – 17.45 Technical talk 6 “New molecular biology tools for circuit analysis” Marie-Eve PAQUET	
18.30 – 20.30 Poster & pizza				
				20.30 - Farewell dinner

WORKSHOPS :

- *In vivo ephys with optogenetic in anesthetized mice*
- *In vivo ephys in freely moving animals and behavior.*
- *Human Neurophysiology.*
- *Neuroanatomy, clarity, light sheet microscopy*
- *Fiber photometry*
- *Miniscope*
- *Two photons imaging DRG.*