



**ISN**  
International Society  
for Neurochemistry

## **ISN-JNC Flagship School**

**The malleable brain: plasticity of neural  
circuits and behaviour**

Alpbach, Austria  
September 12th - 18th 2016

**Programme schedule**

# Time Schedule

ISN-JNC -Flagship School Start: Monday, Sept 12th, late afternoon

Departure: Sunday, September 18th 2016

Time (Monday - Friday)	Mo 12	Di 13	Mi 14	Do 15	Fr 16	Sa 17	So 18
0830-0930		lecture 1 <b>Kelsey Martin</b>	lecture 4 <b>Florian Engert</b>	lecture 7 <b>Reza Shadmehr</b>	lecture 10 <b>Gilles Laurent</b>	lecture 12 <b>Glenn Turner</b>	breakfast
0930-1000		discussion	discussion	discussion	discussion	discussion	departures
1000-1030		coffee break	coffee break	coffee break	coffee break	coffee break	
1030-1130		lecture 2 <b>Erin Schuman</b>	lecture 5 <b>Joshua Trachtenberg</b>	lecture 8 <b>Tobias Bonhoeffer</b>	lecture 11 <b>Loren Frank</b>	lecture 13 <b>Graeme Davis</b>	<b>Saturday Sept 17th time schedule from 13:00</b>
1130-1200		discussion	discussion	discussion	discussion	discussion	
1200-1300		lunch	lunch	lunch	lunch	lunch	lunch
1300-1400		lecture 3 <b>Barry Dickson</b>	lecture 6 <b>Bence Ölveczky</b>	lecture 9 <b>Gina Turrigiano</b>	free	<b>tutorials</b>	13:00-14:00 Sat
1400-1430		discussion	discussion	discussion	afternoon	<b>tutorials</b>	14:00-15:00 Sat
1430-1500		coffee break	coffee break	coffee break	(mountain hike)	coffee break	15:00 - 15:30 Sat
1500-1700	registration	<b>Introduction of students</b>	<b>poster session 1</b>	<b>poster session 2</b>	(weather permitting)	<b>preparation of reports (results from tutorials)</b>	15:30-18:30 Sat
1700-1730	registration	coffee break	coffee break	coffee break		<b>reports (results from tutorials)</b>	
1730-1930	<b>welcome reception/ opening talks</b>	<b>tutorials</b>	<b>tutorials</b>	<b>tutorials</b>		<b>reports (results from tutorials)</b>	
1930 -	dinner at Congress Centre	dinner at Hotel Böglerhof	dinner at Hotel Böglerhof	dinner at Hotel Böglerhof	dinner at Hotel Böglerhof	farewell ceremony	19:30 Sat
(open end)		venue space available if required	venue space available if required	venue space available if required		& barbecue at Hotel Böglerhof	

## Titles and Speakers

Neural Circuits Underlying Operant Learning in Larval Zebrafish	<b>Florian Engert</b>	USA
How Experience Changes Synapses in the Mammalian Brain	<b>Tobias Bonhoeffer</b>	Germany
The Neurobiology of Drosophila Courtship Behaviour	<b>Barry Dickson (Scientific Chair)</b>	USA
Local mRNAs and Protein Translation in Neurons	<b>Erin Schuman</b>	Germany
The Evolution of Sleep	<b>Gilles Laurent</b>	Germany
Spatial Regulation of Gene Expression in Neurons	<b>Kelsey Martin</b>	USA
Cerebellum: Neural Control and Learning of Action	<b>Reza Shadmehr</b>	USA
The Mushroom Body and Learning - Flexibly Assigning Valence to Odors	<b>Glenn Turner</b>	USA
Neural Circuits Underlying Learned Motor Sequences	<b>Bence Ölveczky</b>	USA
Neural Substrates of Learning, Memory and Decision Making	<b>Loren Frank</b>	USA
Self-tuning Neurons and Firing Rate Homeostasis	<b>Gina Turrigiano</b>	USA
Changes in Cortical Microcircuitry Driving the Onset and Closure of Critical Periods	<b>Joshua Trachtenberg</b>	USA
The Stable Brain: Molecular Mechanisms of Homeostatic Plasticity	<b>Graeme Davis</b>	USA

## Tutors/workshops:

Executive Chair, ISN Flagship School Committee	<b>Alois Saria</b>	Austria
Editor in Chief, Journal of Neurochemistry	<b>Jörg Schulz</b>	Germany
Chair, ISN publication committee	<b>Anthony Turner</b>	UK
Secretary, ISN	<b>Ralf Dringen</b>	Germany
Chair, ISN schools committee	<b>Dimitra Mangoura</b>	Greece
ISN-JNC Flagship school committee	<b>Carla Tasca</b>	Brazil
Secretary, ESN	<b>Natalia Nalivaeva</b>	UK