

# Berlin Neuroscience Meeting

October 5 - October 6, 2023

GLS Campus Berlin

## Program

EINSTEIN  
CENTER  
Neurosciences



NEUROCURE  
Cluster of Excellence

# Program

Thursday, October 5, 2023

9:30 – 12:00	Satellite: <b>NeuroCure Member's Assembly*</b>	Lounge
11:00 – 12:30	Satellite: <b>ECN PhD Round Table*</b>	Aula
9:00 – 12:00	Satellite: <b>JBC/ECN Kick-off*</b>	Room 112
13:30 – 13:45	Opening	Aula
13:45 – 14:30	<b>Keynote lecture I</b>	Aula
	The biology of grasping in elephants <b>Michael Brecht</b>   <i>Bernstein Center for Computational Neuroscience Berlin</i>	
14:30 – 15:00	Coffee break	Lounge
15:00 – 16:45	<b>Scientific talks – Panel I</b>	Aula
	Unveiling the cell biology of neurons with dendritic axons <b>Marina Mikhaylova</b>   <i>Humboldt-Universität zu Berlin</i>	
	New ion channels for multicolor optogenetics <b>Johannes Vierock</b>   <i>Charité – Universitätsmedizin Berlin</i>	
	Regulation of synaptic vesicle cycle through membrane tension <b>Agata Witkowska</b>   <i>Leibniz-Forschungsinstitut für Molekulare Pharmakologie, Berlin</i>	

\* parallel sessions

Long-lasting memory of cocaine exposure is encoded in the 3D genome structure of dopamine neurons

**Dominik Szabo** | *Max Delbrück Center for Molecular Medicine, Berlin*

Aula

Characterizing the expression pattern of THRA isoforms in the developing brain and in healthy adult human tissues by RNA-Seq

**Eugenio Graceffo** |  
*Charité – Universitätsmedizin Berlin*

16:45 – 17:15 Coffee break

Lounge

17:15 – 18:00 **Keynote lecture II**

Aula

Growing a social brain

**Shir Atzil** |  
*The Hebrew University of Jerusalem*

18:15 – 19:30 **Poster session I**

Lounge

from 19:30 Get-together & Party

Aula

# Program

Friday, October 6, 2023

9:00 – 18:00	Satellite: <b>Alumni workshop</b>	Room 112
9:30 – 10:15	<b>Keynote lecture III</b>  Neural replay and it's role in cognition <b>Ray Dolan</b>   <i>Max Planck UCL Centre for Computational Psychiatry and Ageing Research</i>	Aula
10:15 – 10:45	Coffee break	Lounge
10:45 – 12:15	<b>Scientific talks – Panel II</b>  The smallest vertebrate brain knows how to sing <b>Benjamin Judkewitz</b>   <i>Charité – Universitätsmedizin Berlin</i>  Towards an experimental neuroscience of “free will”: the importance of goals <b>Patrick Haggard</b>   <i>University College London, UK</i>  Functional specialization and structured representations in prefrontal cortex <b>Claudia Böhm</b>   <i>Charité – Universitätsmedizin Berlin</i>  Binge feeding promotes appetite via modulating olfactory flavor representation <b>Hung Lo</b>   <i>Charité – Universitätsmedizin Berlin</i>	Aula
12:15 – 13:15	Lunch break	Lounge
13:15 – 13:45	<b>Innovation talk</b>  <b>Regine Heilbronn</b>   <i>EpiBlok Therapeutics GmbH</i>	Aula

14:00 – 15:15	<b>Poster session II</b>	Lounge
15:15 – 16:00	<b>Keynote lecture IV</b>	Aula
	Inhibitory circuit plasticity during sensory learning <b>Alison Barth</b>   <i>Carnegie Mellon University, USA</i>	
16:00 – 16:30	Coffee break	Lounge
16:30 – 18:00	<b>Scientific talks – Panel III</b>	Aula
	Cell therapy for treatment-resistant epilepsy <b>Sonja Bröer</b>   <i>Freie Universität Berlin</i>	
	Invasive neurophysiology and connectomics for brain implants <b>Wolf-Julian Neumann</b>   <i>Charité – Universitätsmedizin Berlin</i>	
	Psychedelics in psychiatry <b>Dimitris Repantis</b>   <i>Max Delbrück Center for Molecular Medicine Berlin</i>	
	Functional connectivity gradients and thought patterns in schizophrenia <b>Tal Geffen</b>   <i>Charité – Universitätsmedizin Berlin</i>	
18:15 – 19:00	<b>Keynote lecture V</b>	Aula
	Computational physiology of the basal ganglia, parkinson's disease and deep brain stimulation <b>Hagai Bergman</b>   <i>Hebrew University School of Medicine, Jerusalem, Israel</i>	
19:00 – 19:15	Closing remarks	Aula
from 19:15	Get-together	Lounge

# Speakers

**Shir Atzil**

*The Hebrew University of Jerusalem,  
Israel*

**Alison Barth**

*Carnegie Mellon University  
Pittsburgh, PA, USA*

**Hagai Bergmann**

*Hebrew University School of Medicine,  
Jerusalem, Israel*

**Claudia Böhm**

*Charité – Universitätsmedizin Berlin*

**Michael Brecht**

*Bernstein Center for  
Computational Neuroscience Berlin*

**Sonja Bröer**

*Freie Universität Berlin*

**Ray Dolan**

*Max Planck UCL Center for  
Computational Psychiatry and  
Ageing Research*

**Tal Geffen**

*Charité – Universitätsmedizin Berlin*

**Eugenio Graceffo**

*Charité – Universitätsmedizin Berlin*

**Patrick Haggard**

*University College London, UK*

**Benjamin Judkewitz**

*Charité – Universitätsmedizin Berlin*

**Regine Heilbronn**

*EpiBlok Therapeutics GmbH*

**Hung Lo**

*Charité – Universitätsmedizin Berlin*

**Marina Mikhaylova**

*Humboldt-Universität zu Berlin*

**Wolf-Julian Neumann**

*Charité – Universitätsmedizin Berlin*

**Dimitris Repantis**

*Max Delbrück Center for Molecular  
Medicine, Berlin*

**Dominik Szabo**

*Max Delbrück Center for Molecular  
Medicine, Berlin*

**Johannes Vierock**

*Charité – Universitätsmedizin Berlin*

**Agata Witkowska**

*Leibniz-Forschungsinstitut für  
Molekulare Pharmakologie, Berlin*

# Notes



## Venue

Thursday, October 5, 2023

GLS Campus Berlin  
Kastanienallee 82  
10435 Berlin

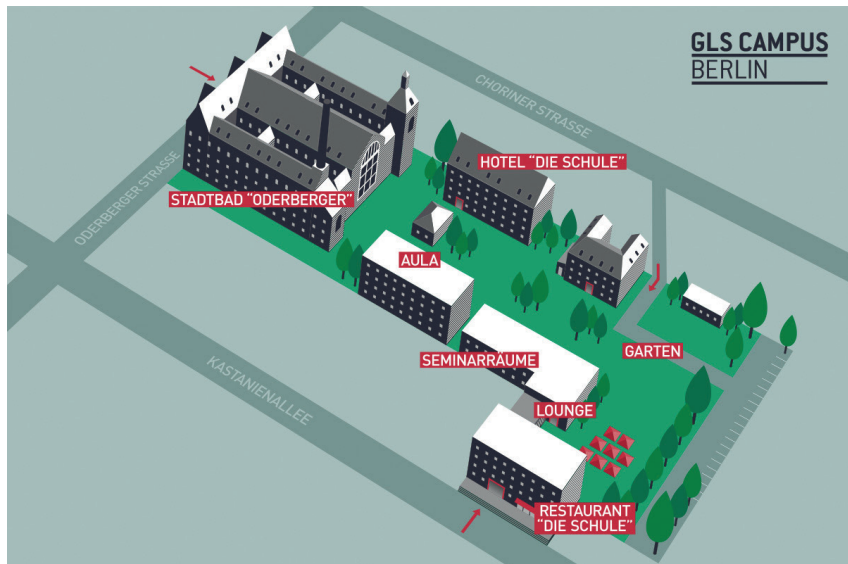
Childcare: Room 112

Friday, October 6, 2023

GLS Campus Berlin  
Kastanienallee 82  
10435 Berlin

Childcare: Room 111

Closest underground stations are U2 Eberswalder Str. and U8 Rosenthaler Platz.



## Einstein Center for Neurosciences Berlin

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