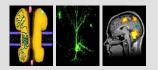
## igsn / rdn Conference



RUB

# CHARACTERIZATION AND RESCUE OF NEURONAL DYSFUNCTION

25<sup>th</sup> - 26<sup>th</sup> of April 2023

Veranstaltungszentrum, Ruhr University Bochum

#### Programme

April 25 <sup>th</sup>	9:15	Welcome - opening of the conference Carsten Theiß Speaker IGSN
Session 1	9:25	Interfaces of neurological and immunological diseases
		Introduction: Melissa Sgodzai
	9:30	<b>Jörn Steinert</b> Faculty of Medicine and Health Sciences, University of Nottingham, UK
		Neuroinflammation and redox signalling as treatment targets in neurodegeneration

10:05 Coffee break / Poster Session

11:00 Michael Heneka Luxembourg Centre for Systems Biomedicine, University of Luxembourg Innate immune activation in Alzheimer's disease

11:35	Brainstorming Session (1)
12:30	Lunch break





### IGSN / RDN Conference: CHARACTERIZATION AND RESCUE OF NEURONAL DYSFUNCTION

#### April 25<sup>th</sup> - Afternoon

Session 2:	13:30	Mechanistic insights into psychiatric and affective disorders Introduction: Wei Shao
	13:35	<b>Juan Pablo Lopez</b> Department of Neuroscience, Karolinska Institute Stockholm, Sweden
		Ketamine exerts its sustained antidepressant effects via cell-type specific regulation of Kcnq2
	14:10	<b>Reinmar Hager</b> Division of Evolution & Genomic Sciences, University of Manchester, UK
		Identification of neuro-epigenetic dysfunction that underpin cognitive deficits caused by exposure to maternal infection

14:45 Coffee break

15:00 Erika Comasco Department of Women's and Children's Health, Uppsala University, Sweden Neural signatures of mood switches

1:	5:35	Brainstorming Session (2)
1	6:05	Individual meetings with RUB scientists



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#### April 26<sup>th</sup> - Morning

Session 3	9:25	Disorders and diseases of the motor system Introduction: Amba Frese
	9:30	<b>Rohini Kuner</b> Medical Faculty, University of Heidelberg, Germany
		Exploiting the motor cortex for pain relief
	10:05	Friedhelm Hummel Brain Mind Institute, Institute of Technology EPFL, Geneva, Switzerland
		Towards precision medicine: patient-tailored treatment strategies to enhance motor recovery
	10:40	Coffee break
	10:55	Kathrin Doppler Neurological Clinic, University Hospital Würzburg, Germany Autoantibodies against proteins of the node of Ranvier as a cause of peripheral neuropathy
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April 26th - Afternoon

Session 4	13:20	Neurorehabilitation and rescue of nervous systemdysfunctionIntroduction: Sumit Roy
	13:25	Yasin Temel Department of Neurosurgery, Maastricht University Medical Center, The Netherlands Deep brain stimulation to treat severe neurological and psychiatric dysfunction
	14:00	Gesa Hartwigsen Research Group Cognition and Plasticity, Max Planck Institute for Human Cognitive and Brain Sciences (MPI CBS) Leipzig, Germany Functional plasticity and reorganization in the language network
	14:35	Coffee break / Brainstorming Session (4)
	15:25	<b>George Prigatano</b> Barrow Neurological Institute, Phoenix, USA <b>Neuroplasticity and the Unforgiving Brain: A Clinical Neuropsychological</b> <b>Perspective</b>
	16:00	<b>FAREWELL</b> – End of conference



