

The Neuro4D Conference 2022

Atrium Hotel Mainz – Mainz, Germany – Close to Frankfurt Airport



**MONDAY
MAY 16TH**

8:00		
Registration and Joint Breakfast (Please attach Posters!)		
9:00		
Opening of the Conference by Andreas Köpke – bioExert		
9:15		
New Insights into Neurodegenerative Disease Induction and Progression	Polyglutamine aggregates seed Huntington's Disease	Erich Wanker MDC, Berlin, Germany
PANEL 09:45 – 10:45		
AD Disease Mechanism	Structure of A β -Fibrils from Human AD Brain and Implication for Function	Marcus Fändrich Uni Ulm, Germany
	Characterization of biologically active tau species: What aggregates are disease relevant?	Rakez Kaye University of Texas Medical Branch, USA
	tbd	tbd
Panel Q&A of Session Speakers Chair: Erich Wanker, MDC, Berlin, Germany		
10:45 – 11:30		
Coffee Break, Exhibition & Poster viewing (all Presenters will be at their Posters for Discussion)		
PANEL 11:30 – 12:30		
AD Drug Discovery	Targeting soluble A β protofibrils with lecanemab – from mutation to potential therapy for Alzheimer's disease	Lars Lannfelt Bioarctic, Sweden
Enabling Technology	tbd	tbd
AD Drug Discovery	tbd	tbd
Panel Q&A of Session Speakers Chair: Erich Wanker, MDC, Berlin, Germany		
12:30		
Lunch		

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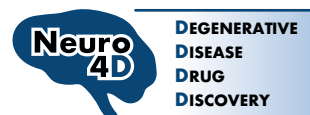
DEGENERATIVE
DISEASE
DRUG
DISCOVERY

**MONDAY
MAY 16TH**

13:30		
From Disease Insights to Therapeutic Options	tbd	Neil Cashman University of British Columbia, Vancouver, Canada
PANEL 14:00 – 15:00		
PD Disease Mechanism	Role of LRRK2 in maintaining nuclear envelope integrity and implications for Parkinson's disease	Simone Engelender Technion, Israel
	Glycation as biomarker and drug target for intervention in synucleinopathies	Tiago Outeiro University of Göttingen, Germany
PD Mouse Model	A new human α -synuclein A53T mouse model exhibiting multiple PD-like phenotypes	Manuela Prokesch QPS, Austria
Panel Q&A of Session Speakers Chair: Neil Cashman		
15:00 – 17:00		
Coffee Break, Exhibition & Poster Session (All Presenters will be at their Posters for Discussion. Please vote for the best poster!) One on One Meetings		
PANEL 17:00 – 18:00		
PD Drug Discovery	ABBY-0805, a novel α -synuclein oligomer selective antibody for PD therapy	Johanna Fälting Bioarctic, Sweden
Disease Model	Induced PD models for compound testing in rodents and monkeys	tbd Atuka Inc., Canada
PD Drug Discovery	Development of therapeutic substances for the disassembly of α -Synuclein aggregates	Antje Willuweit Priavoid, Germany
Panel Q&A of Session Speakers Chair: Neil Cashman		
18:00		
Beer and wine tasting in the foyer; Poster viewing and voting		
19:00 – 22:00		
Dinner (BBQ accompanied by fitting local wines!)		
END OF THE FIRST DAY		

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**TUESDAY
MAY 17TH**

7:30		
Joint Breakfast, Exhibition, Poster viewing		
8:30		
Scientific Introduction: Other proteopathic neurodegenerations	Common pathophysiological mechanisms of neurodegenerative diseases	tbd
PANEL 9:00 – 10:00		
Disease Mechanism	The importance of protein localization in Spinocerebellar Ataxia Type 3: From molecular insight to a treatment strategy	Thorsten Schmidt University Clinic Tübingen, Germany
	Molecular similarities and differences of TDP-43 aggregates in FTLD-TDP	Manuela Neumann University of Tübingen, Germany
PD Biomarker	Parkinson's disease progression pathology: New insides for biomarker discovery?	Walter Schulz-Schaeffer Neuropathology Uni Saarland, Germany
Panel Q&A of Session Speakers Chair: tbd		
10:00 – 11:00		
Coffee Break Exhibition and Posters: Presenters are at the Poster to Discuss. Final chance to rate the best poster! Time for One on One meetings		
PANEL 11:00 – 12:00		
Diagnostic Assay	Towards standardization of AD Biomarkers in CSF	Timo Grimmer, Technical University Munich, Germany
Animal Models	Genetic variability in lab mice to improve translation of preclinical discoveries to the clinic	Manuel Buttini Neuropathology and Animal Model Core Unit; Luxembourg
Drug Discovery	CNS-focused drug design – success stories	Michael Thormann Origenis, Germany
Panel Q&A of Session Speakers Chair: tbd		
12:00		
Lunch		

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**TUESDAY
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13:00		
Clinical Studies in Neurodegenerative Diseases	Are disease modifying treatments finally here?	Oliver Peters Charité, Berlin, Germany
PANEL 13:30 – 14:30		
AD Clinical Trial	tbd	Martin Traber Roche, Switzerland
	PRI-002: towards clinical phase II – preclinical proof of concept and clinical phase I data	Dieter Willbold Priavoid, Germany
	tbd	Chad Swanson Eisai, USA
Pannel Q&A of Session Speakers Chair: <i>Oliver Peters</i>		
14:30		
Coffee Break Final Poster Session Price for the Best Poster		
15:30		
Pannel Discussion: Success in the clinic? What is the expected outcome for future patients?		
16:20 – 16:30		
Summary and wrap-up of the conference		
END OF THE CONFERENCE AND DEPARTURE		