

ALS/MND Science Day



9th - 10th October
2025

at Intercity Hotel
Frankfurt Flughafen



ulm university universität
uulm

INVITATION

Dear colleagues,

we cordially invite you to the ALS/MND Science Day 2025 in Frankfurt. The symposium has been wonderfully established in recent years to promote scientific exchange between working groups and to enable contact between young talents and established clinicians in an informal atmosphere.

We are especially looking forward to the exchange with our friends from the Filsan-Network, which will be very enriching. A special moment will also be the keynote lecture by Prof. M. Benatar (Miami), who will talk about his research on and the importance of preclinical gene carriers.

We look forward to welcoming you all in Frankfurt and hope to have a lively exchange.

With best regards,

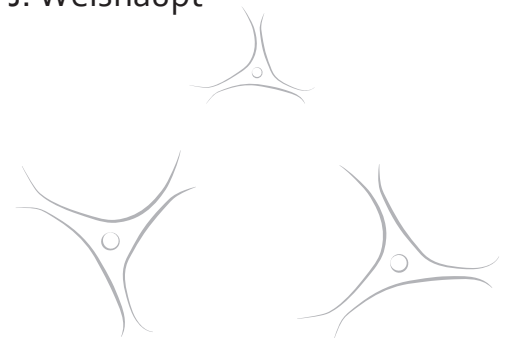
Yours



Dr. J. Schuster



Prof. Dr. J. Weishaupt



INFORMATION

■ Address:

Intercity Hotel
Frankfurt Airport
Am Luftbrückendenkmal 1
60549 Frankfurt am Main

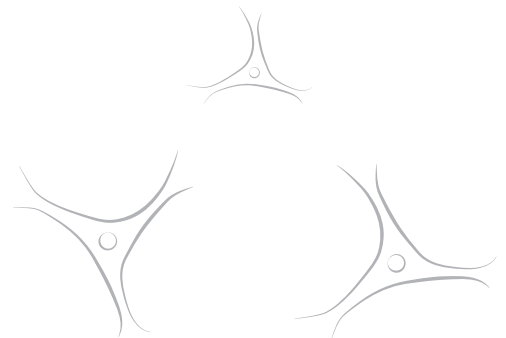


Directions (via Google):
(scan QR code with smartphone)

■ Registration until 31.08.2025



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PROGRAM

Thursday, October 9th

13:00 – 14:00 Check-in and meeting registration, get together with coffee

14:00 Welcome

14:15 - 15:30 Pathophysiology and Molecular mechanism of MND (1)

Chair:

Systemic footprints of hypothalamic and motor endophenotypes in ALS patients, Sruthi S Krishnamurthy, Ulm

Type-I interferon-dependent autophagy as therapeutic target in TBK1-ALS, Noah Seebacher, Ulm

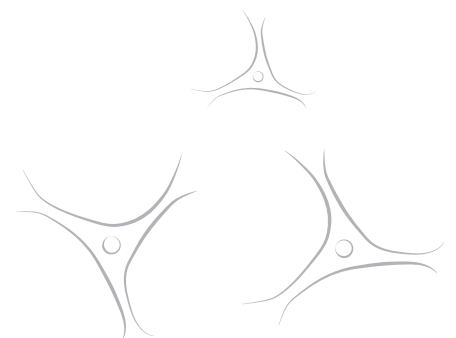
Influence of variants in obesity-related genes on the phenotype of ALS, Jens Truong, Ulm

Large-scale mapping of the MCH network in ALS mice reveals the distinct vulnerability of dopaminergic neurons in Zona Incerta, Jelena Scekcic-Zahirovic, Ulm, *rapid fire*

Characterization of mice with knock-in of an ALS-causative Δ Exon27 mutation in the KIF5A gene, Esra Tunaboylu, Mannheim
rapid fire

The German MND-Net Tissue Bank – Update 2025, Joachim Weis, Aachen

15:30 - 16:00 coffee break



PROGRAM

Thursday, October 9th

16:00 – 18:00: Pathophysiology and Molecular mechanism of MND (2)

Chair:

Impact of repetitive mild trauma on asymptomatic C9orf72 carriers and ALS patients using hiPSC-derived organoids, Karthik Baskar, Ulm/Freiburg

FUS Mislocalization Rewires a Cortical Gene Network to Drive Cognitive and Behavioral Impairment in ALS, Luc Dupuis, Strasbourg

A missense variant disrupting NEK1 kinase function is sufficient to cause ALS, David Brenner, Ulm

Misfolded SOD1 in familial and sporadic ALS: insights from our Nordic ALS biobank, Karin Forsberg, Umea

Neurofilament light chain fluctuations during the course of ALS suggest repeat measurements to optimize analysis, Peggy Schumann, Berlin

SOD1 enzymatic activity in CSF from ALS patients with and without SOD1 mutations, Laura Leykam, Umea

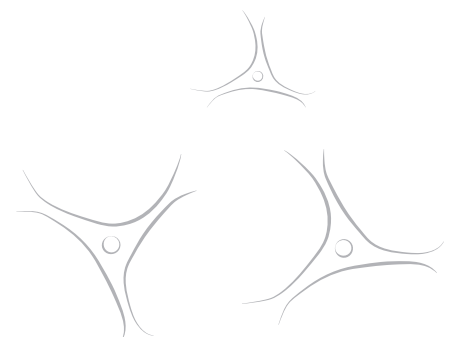
Early loss of bone mass in the SOD1(G93A) ALS mouse model is associated with loss of sensitivity to osteogenic factors and enhanced bone senescence, Burak Özkan, Ulm, *rapid fire*

Elucidating the pathological interplay between cytoskeletal alterations and mRNA metabolism in Profilin1-mutant human motor neurons, Christina Steffke, Ulm, *rapid fire*

Motoneurons inhibitory synapses homeostatically respond to excitation and modulate ALS pathogenesis, Kareen Halablab, Ulm, *rapid fire*

18:00 – 20:00: Meet and Greet (dinner buffet @ atrium)

20:00 – 21:00: Keynote Lecture M. Benatar



PROGRAM

Friday, October 10th

9:00 – 10:00: Clinical studies in SMA

Chair:

Enhancing Safety and Efficiency in Spinal Muscular Atrophy Treatment: A Longitudinal Analysis of an Optimized Low-Dose CT-Guided Protocol for Intrathecal Nusinersen Administration, Zeljko Uzelac, Ulm

Neuronal Pentraxin 2 as a Potential Biomarker for Nusinersen Therapy Response in Adults with Spinal Muscular Atrophy: A Pilot Study, Svenja Neuheoff, Essen

Beyond motor neurons: autonomic dysfunction and ECG findings in adults with 5q-spinal muscular atrophy, Bjelica Bogdan, Hannover

New therapies in SMA, Benedikt Winter, Mannheim

10:00 - 11:15: New biomarkers in ALS and MND

Chair:

Neurodegeneration NULISA panels in ALS patients and presymptomatic subjects revealed potential diagnostic and prognostic biomarkers: a premodiALS study, Laura Tzeplaeff, TUM

Biomarker discovery in the Tear fluid of ALS patients using ultra-sensitive NUCleic acid Linked Immuno-Sandwich Assay (NULISA), Paul Lingor, München, *rapid fire*

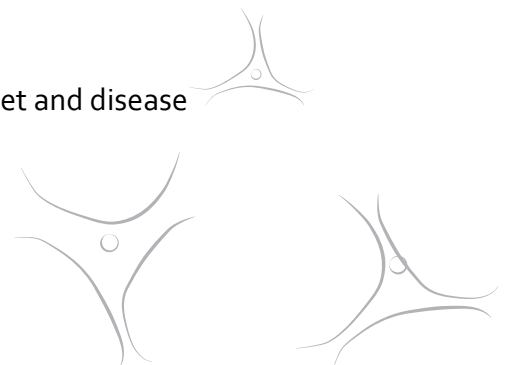
Update on proteomic and peptidomic biomarker research for ALS in Ulm – From discovery to validation, Patrick Öckl, Ulm

Characterization of blood SOD1 activity in ALS patients and correlation with demographic and clinical parameters, Katharina Göhring, Ulm, *rapid fire*

Effects of Tofersen treatment in patients with SOD1-ALS in a “real-world” setting: a retrospective multicenter study in France (FORSLA study), Daniells Erazo, Limoges

First results of the European cohort study to evaluate therapeutic and prognostic effects in SOD1-ALS patients treated with tofersen, Maximilian Wiesenfarth, Ulm, *rapid fire*

Blood derived cell-free DNA as a biomarker for ALS onset and disease progression, Sebastian Michels, Ulm



PROGRAM

Friday, October 10th

11:15-11:35 Coffee break

11:35-12:45 Clinical studies in ALS

Chair:

Motor phenotypes of ALS – a classification based on the region of onset, propagation, and the degree of UMN and LMN dysfunction,
Thomas Meyer, Berlin

Infection with Herpes-Simplex-Virus 1 promotes ALS-associated molecular pathology, Karin Danzer, Ulm

Oral ketone bodies as novel therapy to compensate for the energy deficit in patients with ALS, Christine Herrmann, Ulm

Self-reported symptom burden in amyotrophic lateral sclerosis in reference to the ALS Functional Rating Scale - results of a large multicenter study,
André Maier, Berlin, *rapid fire*

Functional Impairment at the end of Life in ALS – A systematic Analysis of ALSFRS-R data, Susanne Spittel, Berlin, *rapid fire*

Hypothalamus and sleep, Christina Lang, Ulm, *rapid fire*

12:45 Good bye

13:00-14:30 lunch - get together

