NETWORK FOR NEUROMUSCULAR RESEARCH
DACH-NMD
IN AUSTRIA, GERMANY AND SWITZERLAND

DACH-NMD Kick-off Online Meeting

Network for Neuromuscular Research in Austria, Germany and Switzerland

LINK for participation:
https://teams.microsoft.com/meet/357510440341652 3?p=Pb8zO9Ysavv2nyb4HR
Meeting-ID: 357 510 440 341 652 3
Passcode: Z4x2mx2F

Friday, 27 November 2026 · 09:00–14:00 CET · Online

Programme overview

Session 1A · Disease mechanisms & experimental models
Session 1B · Biomarkers, omics & personalised therapy
Session 2A · Muscle imaging, digital outcomes & data resources
Session 2B · Immune-mediated neuromuscular disorders

ALL TALK: 8-minute presentation and 2 minutes for discussion

Time (CET)	Speaker	Title
09:00–09:10	**Opening & welcome** *A. Schänzer & T. Ruck*	
09:10–11:30	**Scientific Block 1 Disease mechanisms & experimental models** *Chairs: A. Schänzer & W. Stenzel*	
Session 1A · Disease mechanisms & experimental models		
09:10–09:20	**Vanessa Todorow** Friedrich-Baur-Institute, Dept. of Neurology, LMU Clinics, Munich; National Center of Neurology and Psychiatry, Tokyo (DE / JP)	MBNL loss drives muscle stem cell-mediated myonuclear remodelling in myotonic dystrophy type 1
09:20–09:30	**Vanessa Todorow** Dept. of Cell and Developmental Biology, University College London (UK)	Distinct genetic causes, convergent molecular pathology in muscular dystrophy
09:30–09:40	**Lilli Winter** Division of Cell- and Developmental Biology, Center for Anatomy and Cell Biology, Medical University of Vienna (AT)	Skeletal muscle pathology in plectinopathies
09:40–09:50	**Nicolina Südkamp** Dept. of Neurology, BG University Hospital Bergmannsheil / Heimer Institute for Muscle Research, Bochum (DE)	Multimodal assessment of muscle degeneration and subclinical disease progression in a mouse model of calpainopathy
09:50–10:00	**Marius Meinhold*** Dept. of Comparative Biosciences, School of Veterinary Medicine, University of Wisconsin-Madison, WI (USA)	Resistance exercise–induced anabolic signaling is preserved in FSHD
10:00–10:10	**Markus Leo** Dept. of Neurology, University Hospital Essen (DE)	Beyond motor neurons: glial cells in late-onset spinal muscular atrophy
10:10–10:20	**Nassam M. Daya** Dept. of Neurology, BG University Hospital Bergmannsheil / Heimer Institute for Muscle Research, Bochum (DE)	In-vitro engineered skeletal muscle tissue isolated from patient-derived muscle cells

Time (CET)	Speaker	Title
10:20–10:30	**Malte Tiburcy** Institute of Pharmacology and Toxicology, University Medical Center Göttingen (DE)	New approach methodologies to model collagen-VI–related muscular dystrophy
Session 1B · Biomarkers, omics & personalised therapy **Chairs W. Löscher & U. Schara-Schmidt**		
10:30–10:40	**Andreas Roos** Dept. of Pediatric Neurology, University Hospital Essen & Heimer Institute for Muscle Research, Bochum (DE)	GNE myopathy: from genotypes to pathophysiology and molecular biomarkers
10:40–10:50	**Angela Rosenbohm** Dept. of Neurology, University Hospital Ulm (DE)	Cardio-independent troponin T elevation in myopathies and myositis
10:50–11:00	**Malin Larsen** Friedrich-Baur-Institute, Dept. of Neurology, LMU University Hospital, Munich (DE)	The search for minimally-invasive biomarkers in myotonic dystrophies: insights from a multi-omic discovery approach
11:00–11:10	**Sebastian Michels** Clinic for Neurology, University Hospital Ulm & German Center for Neurodegenerative Diseases (DZNE), Ulm (DE)	Lipidomic profiling in spinal and bulbar muscular atrophy (SBMA)
11:10–11:20	**Astrid Blaschek** Dr. von Hauner Children's Hospital, LMU Munich (DE)	Personalised therapy in neuromuscular disorders: is it possible?
11:20–11:30	**K. Trusch** Dept. of Neurology, University Medicine Halle (DE)	Serum myostatin as a diagnostic biomarker in neuromuscular disorders: evaluation in a large cohort and correlation with clinical surrogates of disease severity
11:30–11:40	**Bio break**	
11:40–12:10	**Discussion: DACH-NMD present and future** *Moderation: T. Ruck, W. Stenzel, A. Schänzer, & B. Schoser*	
12:10–13:50	**Scientific Block 2 Muscle imaging, digital outcomes & data resources** *Chairs: T. Hagenacker & O. Scheidegger*	
Session 2A · Muscle imaging, digital outcomes & data resources		
12:10–12:20	**Johanna Thomä** Dept. of Neurology, BG University Hospital Bergmannsheil, Ruhr University Bochum (DE)	Quantitative muscle MRI: inter-vendor reproducibility of muscle imaging parameters
12:20–12:30	**Alice De Lorenzo** Dept. of Neurology, BG University Hospital Bergmannsheil / Heimer Institute for Muscle Research, Bochum (DE)	Longitudinal assessment of muscle involvement in late-onset Pompe disease using quantitative MRI: a prospective cohort study
12:30–12:40	**Petros Chatziandreou** Dept. of Neurology, BG University Hospital Bergmannsheil, Ruhr University Bochum (DE)	Quantitative MRI depicts denervation-induced muscle changes in chronic inflammatory demyelinating polyneuropathy: a pilot study
12:40–12:50	**Maike Stein** Dept. of Neurology with Experimental Neurology & NeuroScience Clinical Research Center, Charité – Universitätsmedizin Berlin (DE)	Multimodal longitudinal phenotyping and digital outcomes in myasthenic syndromes
12:50–13:00	**E. Krause** Dept. of Neurology, Division of Neuropathology and Neurochemistry, Medical University of Vienna (AT)	Digitized Vienna Muscle Control Database

Time (CET)	Speaker	Title
13:00–13:10	**Alexandra van Dongen** Dept. of Neurology, University of Bern (CH)	Methodologies and MR parameters in quantitative magnetic resonance neurography: a scoping review
13:10–13:20	**Bio break**	
Session 2B · Immune-mediated neuromuscular disorders Chairs T. Ruck & A. Mensch		
13:20–13:30	**Abdulhadi Kocabas** Dept. of Neurology, BG University Hospital Bergmannsheil / Heimer Institute for Muscle Research, Bochum (DE)	A hyperexpanded cytotoxic T-cell clone in early-stage inclusion body myositis
13:30–13:40	**Corinna Preuße** Dept. of Neuropathology, Charité – Universitätsmedizin Berlin (DE)	Studies of the specific interferon signature in different subgroups of anti-synthetase syndrome
13:40–13:50	**Charlotte Schubert** Institute of Neuroimmunology and Multiple Sclerosis / Integrated Myasthenia Center, University Medical Center Hamburg-Eppendorf (DE)	PRECISION-MG: metabolite-guided optimization of azathioprine therapy in myasthenia gravis
13:50–14:00	**Closing remarks A. Schänzer & T. Ruck**	