

Sunday, 6 September			
Time	Role/programme item	Participant and affiliation	Presentation/details
10:00-14:00	ESMR ECA (Early Careers Association) Symposium		
10:00-11:25	Session 1		
	Chair	Annika J. Klotz, University of Muenster, DE Theresa K. Hofmann, University of Muenster, DE	
10:00-10:10	Welcome & opening remarks		
10:10-10:25	Contributed talk	Maira Rossi, University of Pavia, IT	Single-nucleus transcriptomics reveals myonuclear state remodeling and altered cell-cell communication during human disuse muscle atrophy
10:25-10:40	Contributed talk	Ulrik Mjaaseth, University of Oslo, NO	All-trans retinoic acid alters lipid metabolism in human myotubes in part through modulation of mitochondrial function
10:40-10:55	Contributed talk	Melissa Amerudin, King's College London, UK	Truncated titin is expressed in a cell-specific and muscle-specific manner in vivo
10:55-11:10	Contributed talk	Romane Idoux, PGNM-INMG, FR	A Bethlem myopathy zebrafish model reveals CaV1.1 as the missing link between collagen VI deficiency and muscle dysfunction
11:10-11:25	Contributed talk	Beatrice Pistolato, Italian Institute of Technology, IT	Proprioception: the 'sixth sense' that guides octopus during motion
11:25-12:30	Lunch break		
12:30-14:00	Session 2		
	Chair	Emrulla Spahiu, Hannover Medical School, DE Philipp Galuska, University of Vienna, AT	
12:30-12:45	Contributed talk	Philipp Galuska, University of Vienna, AT	From Dynamic Z-Bodies to Ordered Z-Discs: Molecular Mechanisms of Early Myofibrillogenesis
12:45-13:00	Contributed talk	Marta Gawor, Nencki Institute of Experimental Biology, PL	Myosin VI regulates chromatin organisation and transcription in myoblasts
13:00-13:15	Contributed talk	Marta Rocha, Medical University of Vienna, AT	Impaired cardiac function, stressintolerance, protein aggregation, and intercalated disc derangement: hallmarks of plectin-related cardiomyopathy
13:00-13:15	Sponsor talk	PELO Biotech	
13:25-13:55	Keynote talk	Weikang Ma, Illinois Institute of Technology, US	Following the Light: Illuminating Muscle Pathophysiology
13:55-14:00	Closing remarks		