

Wednesday 12th May 2021

	Starting time	Ending time	Session	Speaker / Presenter / Chair	Centre
OPENING	1:00:00	1:15:00	Opening remarks & Introduction to Session 1	Leonard Van den Berg / Orla Hardiman	University Medical Center Utrecht / Trinity College Dublin
SESSION 1 - CLINICAL & BIOMARKERS	1:16:00	1:36:00	TBC	TBC	TBC
	1:36:00	1:37:00	Speaker change break		
	1:37:00	1:52:00	<b>Neurofilaments as predictors of ALS disease aggressiveness: an application of the D50 disease progression model</b>	Marie Dreger	University Hospital Jena
	1:52:00	1:53:00	Speaker change break		
	1:53:00	2:08:00	<b>ALSFRS-r scale increases arterial blood gas analysis' sensitivity in assessing pulmonary function in Amyotrophic Lateral Sclerosis.</b>	Maria Claudia Torrieri	University of Turin
	2:08:00	2:09:00	Speaker change break		
	2:09:00	2:29:00	Moderated discussion	TBC	
SESSION 2 - COFFEE BREAK, POSTER GALLERY AND EXHIBITION	2:29:00	3:00:00	Poster gallery + Time to visit Exhibition		
SESSION 3 - RAPID FIRE POSTER PRESENTATIONS	3:00:00	3:03:00	<b>Dynamic Bayesian networks for stratification of disease progression in ALS</b>	TBC Marta Luisa Gromicho	
	3:03:00	3:04:00	Speaker change break		
	3:04:00	3:07:00	<b>Development of Circulating miRNA Diagnostic Prediction Model for ALS and FTD</b>	Nancy Sarah Yacovzada	Weizmann Institute of Science
	3:07:00	3:08:00	Speaker change break		
	3:08:00	3:11:00	Clinical <b>Non-invasive ventilation adaptation (NIV) is predicted by blood carbonate (HCO<sub>3</sub><sup>-</sup>) and base-excess (SBE)</b>	Umberto Manera	Rita Levi Montalcini
	3:11:00	3:12:00	Speaker change break		
	3:12:00	3:15:00	<b>Estimating the minimum important difference in the ALSFRS-R in people with amyotrophic lateral sclerosis</b>	Sarah Boddy	SITRaN, University of Sheffield
	3:15:00	3:16:00	Speaker change break		
	3:16:00	3:19:00	<b>Disease progression and survival in ALS patients diagnosed according to El Escorial and Gold Coast criteria</b>	Adriaan de Jongh	University Medical Center Utrecht
	3:19:00	3:20:00	Speaker change break		
	3:20:00	3:23:00	<b>Preliminary evidence of neuroelectrical changes in asymptomatic C9ORF72 gene carriers using EEG</b>	Stefan Dukic	University Medical Center Utrecht
	3:23:00	3:24:00	Neuroelectric signal analysis Speaker change break		
	3:24:00	3:27:00	<b>Applications of surface EMG arrays for identification and trackin of motor units in amyotrophic lateral sclerosis</b>	Lara McManus	Trinity College Dublin
	3:27:00	3:28:00	Speaker change break		
	3:28:00	3:31:00	<b>Test-Retest Reliability of EEG Markers of Cognition</b>	Eileen Giglia	Trinity College Dublin
	3:31:00	3:32:00	Speaker change break		
	3:32:00	3:35:00	<b>Effects of presymptomatic lifestyle on ALS stratified by C9orf72 genotype: a longitudinal population-based study</b>	Henk-Jan Westeneng	University Medical Center Utrecht
	3:35:00	3:36:00	Epidemiology Speaker change break		
	3:36:00	3:39:00	<b>Incidence rates of amyotrophic lateral sclerosis across European disease registers</b>	Georgia O'Sullivan	University College Dublin
	3:39:00	3:40:00	Speaker change break		
	3:40:00	3:43:00	<b>Increased risk of ALS in Italian professional soccer leagues</b>	Elisabetta Pupillo	Istituto Di Ricerche Farmacologiche Mario Negri Ircos
SESSION 4 - POSTER SESSION AND EXHIBITION	3:43:00	4:28:00	Poster session + Time to visit Exhibition		
SESSION 5 - CELL & ANIMAL MODELS	4:29:00	4:30:00	Introduction to Session 5		
	4:30:00	4:50:00	Plenary <b>Cryptic splicing and loss of synaptic gene UNC13A is induced upon TDP-43 pathology and exacerbated by ALS/FTD risk variant:</b>	Pietro Fratta	University College London
	4:50:00	4:51:00	Speaker change break		
	4:51:00	5:06:00	<b>Modelling Cortical Thinning in C9ORF72-ALS Brain Organoids</b>	Astrid Van Der Geest	University Medical Center Utrecht
	5:06:00	5:07:00	Speaker change break		
	5:07:00	5:22:00	<b>Zebrafish for the functional analysis of variant pathogenicity in ALS associated genes</b>	Aleksandra Chudinova	University Hospital of Nimes
	5:22:00	5:23:00	Speaker change break		
	5:23:00	5:38:00	<b>Establishing a novel in vitro model of ALS by co-culturing iPSC-derived motor neurons and microglia</b>	Björn Friedhelm Vahsen	University of Oxford
	5:38:00	5:58:00	Moderated discussion	TBC	
SATELLITE MEETING	6:00:00	7:00:00	Satellite Meeting - Biogen	TBC	

Thursday 13th May 2021

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SESSION 6 - GENOMICS & EPIDEMIOLOGY	1:00:00	1:20:00	Plenary	<b>Common and rare variant association analyses in Amyotrophic Lateral Sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology</b>	Wouter Van Rheenen	University Medical Center Utrecht, Project MinE
	1:20:00	1:21:00		Speaker change break		
	1:21:00	1:41:00		<b>Genome-wide study of DNA methylation in Amyotrophic Lateral Sclerosis identifies differentially methylated loci and implicates metabolic, inflammatory and cholesterol pathways</b>	Paul Hop	University Medical Center Utrecht, Project MinE
	1:41:00	1:42:00		Speaker change break		
	1:42:00	2:02:00		<b>Physical exercise is a risk factor for amyotrophic lateral sclerosis: Convergent evidence from mendelian randomisation, transcriptomics and risk genotypes</b>	Thomas Julian	The University Of Sheffield, SITraN
	2:02:00	2:03:00	Speaker change break			
	2:03:00	2:29:00	Moderated discussion		TBC	
SESSION 7 - COFFEE BREAK, POSTER GALLERY AND EXHIBITION	2:30:00	3:00:00		Poster gallery + Time to visit Exhibition		
SESSION 8 - RAPID FIRE POSTER PRESENTATIONS	3:00:00	3:03:00	Cell & Molecular biology	<b>Hsp90-mediated regulation of DYRK3 couples stress granule disassembly and growth via mTORC1 signaling: implications for ALS/FTD</b>	TBC	
	3:03:00	3:04:00		Speaker change break	Serena Carra	
	3:04:00	3:07:00		<b>Investigating Fuzzy transcriptional downregulation in C9orf72-related amyotrophic lateral sclerosis</b>	Stephanie Taylor	Royal London Hospital and University of Oxford
	3:07:00	3:08:00		Speaker change break		
	3:08:00	3:11:00		<b>Antibodies-based therapy to overcome TDP-43 proteinopathy</b>	Silvia Pozzi	Cervo Brain Research Centre
	3:11:00	3:12:00		Speaker change break		
	3:12:00	3:15:00		<b>Insights for the development of a miRNA-based therapeutic strategy in ALS exploiting iPSC-derived motor neurons and exosomes</b>	Valentina Melzi	University of Milan
	3:15:00	3:16:00		Speaker change break		
	3:16:00	3:19:00		<b>Functional and -omic analysis of a cellular model of ALS-related neuronal damage</b>	Alessandra Pisciotanni	Vita-Salute San Raffaele University
	3:19:00	3:20:00		Speaker change break		
	3:20:00	3:23:00		<b>Mitochondrial dysfunction links mutations in TDP-43 and C9orf72 iPSC-derived motor neurons from ALS patients</b>	Ruxandra Dafinca	University of Oxford
	3:23:00	3:24:00		Speaker change break		
	3:24:00	3:27:00		<b>Dissecting the pathogenic role of Ataxin-2 repeat expansions in ALS</b>	Marta Cañizares	University Medical Center Utrecht
	3:27:00	3:28:00		Speaker change break		
	3:28:00	3:31:00		<b>Metabolomics analysis highlight the involvement of muscle energetic metabolism in ALS pathophysiology</b>	Débora Lanznaster	University of Tours
	3:31:00	3:32:00		Speaker change break		
	3:32:00	3:35:00		<b>Gene-based association analysis of survival associated rare variants in ALS</b>	Ahmad Al Khleifat	King's College London
3:35:00	3:36:00	Speaker change break				
3:36:00	3:39:00	<b>Variable number tandem repeats in motor neuron disease (MND)</b>	Calum Harvey	The University Of Sheffield		
3:39:00	3:40:00	Speaker change break				
3:40:00	3:43:00	<b>journALS: a comprehensive, uniform analysis of three decades of genetics research in amyotrophic lateral sclerosis and frontotemporal dementia</b>	Mark Doherty	Trinity College Dublin		
SESSION 9 - POSTER SESSION AND EXHIBITION	3:43:00	4:28:00		Poster session + Time to visit Exhibition		
SESSION 10 - COGNITION/BEHAVIOUR; NETWORK DISTURBANCE	4:29:00	4:30:00	Plenary	Introduction to Session 10	Dorothee Lulé	Ulm University
	4:30:00	4:50:00		<b>ALS as a network disorder</b>		
	4:50:00	4:51:00		Speaker change break		
	4:51:00	5:06:00		<b>Are psychiatric symptoms in people with MND and their kindreds associated with cognition and behaviour in people with MND?</b>	Caroline McHutchison	University of Edinburgh
	5:06:00	5:07:00		Speaker change break		
	5:07:00	5:22:00		<b>Disturbed Task-Related Cortical Oscillations As Potential ALS Biomarkers</b>	Roisin McMackin	Trinity College Dublin
5:22:00	5:42:00	Moderated discussion		TBC		
SATELLITE MEETING	5:55:00	7:25:00		Satellite Meeting - Orphazyme	TBC	

Friday 14th May 2021

Starting  
time

Ending  
time

Session

Speaker / Presenter / Chair

Centre

SESSION 11 - DEVICES & TECHNOLOGIES	1:00:00	1:20:00	Plenary	<b>Harnessing technology for ALS care and clinical research</b>	Chris McDermott	TRICALS, Sheffield Teaching Hospitals Foundation NHS Trust
	1:20:00	1:21:00		Speaker change break		
	1:21:00	1:41:00		<b>The psychosocial impact of rehabilitative and recreational physical exercise in amyotrophic lateral sclerosis</b>		
	1:41:00	1:42:00		Speaker change break		
	1:42:00	2:02:00		<b>Telehealth in Motor Neuron Disease (TiM): Barriers, facilitators, and early engagement</b>		
	2:02:00	2:03:00		Speaker change break		
2:03:00	2:29:00	Moderated discussion	Liam Knox	SITRaN, University Of Sheffield		
				TBC		

SESSION 12 - COFFEE BREAK, POSTER GALLERY AND EXHIBITION	2:30:00	3:00:00		Poster gallery + Time to visit Exhibition		
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SESSION 13 - RAPID FIRE POSTER PRESENTATIONS	3:00:00	3:03:00	Neuroinflammation	<b>Investigating neuroinflammatory dysregulation and its implications for disease phenotype and progression in C9orf72 post-mortem tissue</b>	TBC	
	3:03:00	3:04:00		Speaker change break	Olivia Rifai	University of Edinburgh
	3:04:00	3:07:00		<b>Low-dose interleukin-2 as an immune-modulatory therapeutic strategy for ALS</b>	Ilaria Giovannelli	The University Of Sheffield
	3:07:00	3:08:00		Speaker change break		
	3:08:00	3:11:00		<b>Dissecting the role of microglia in C9ORF72 ALS using cerebral organoids</b>	Tijana Ljubikj	University Medical Center Utrecht
	3:11:00	3:12:00		Speaker change break		
	3:12:00	3:15:00		<b>Immune profiling of plasma-derived extracellular vesicles in Amyotrophic Lateral Sclerosis patients</b>	Daisy Sporievero	IRCCS Fondazione Mondino
	3:15:00	3:16:00		Speaker change break		
	3:16:00	3:19:00		<b>Non-Coding Genetic Analysis Implicates Interleukin 18 Receptor Accessory Protein 3'UTR in Amyotrophic Lateral Sclerosis</b>	Chen Eitan	Weizmann Institute of Science
	3:19:00	3:20:00		Speaker change break		
	3:20:00	3:23:00		<b>Evidence of a verbal fluency endophenotype in familial ALS</b>	Emmet Costello	Trinity College Dublin
	3:23:00	3:24:00		Speaker change break		
	3:24:00	3:27:00		<b>Neuropsychological dysfunction in asymptomatic ALS relatives: A marker of disease risk?</b>	Marie Ryan	Trinity College Dublin
	3:27:00	3:28:00		Speaker change break		
	3:28:00	3:31:00		<b>Effect of genotype on cerebral 18F FDG uptake in patients with Amyotrophic lateral sclerosis</b>	Joke de Vocht	UZ Leuven
	3:31:00	3:32:00		Speaker change break		
	3:32:00	3:35:00		<b>The effect of C9orf72 repeat expansion and expression on brain morphology in the asymptomatic: a longitudinal MRI study</b>	Kevin van Veenhuijzen	University Medical Center Utrecht
	3:35:00	3:36:00		Speaker change break		
3:36:00	3:39:00	<b>ALS subgroups revealed by clustering neuroimaging patterns of brain degeneration</b>	Harold Tan	University Medical Center Utrecht		
3:39:00	3:40:00	Speaker change break				
3:40:00	3:43:00	<b>Adoption and Implementation of the Sheffield Telemedicine in MND (TiM) System in the Irish MND Service</b>	Polly Kennedy	Trinity College Dublin		
3:43:00	3:44:00	Speaker change break				
3:44:00	3:47:00	<b>Remote monitoring of anxiety, depression, and caregiver strain in MND services: early learning from clinical implementation of the Telehealth in MND system</b>	Emily Mayberry	University Of Sheffield, SITRaN		
3:47:00	3:48:00	Speaker change break				
3:48:00	3:51:00	<b>Validity and feasibility of unsupervised home-based vital capacity testing in patients with MND</b>	Jochem Helleman	University Medical Center Utrecht		

SESSION 14 - POSTER SESSION AND EXHIBITION	3:51:00	4:29:00		Poster session + Time to visit Exhibition		
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SESSION 15 - YOUNG INVESTIGATOR'S AWARD	4:30:00	4:31:00		Introduction to Session 14	TBC	
	4:31:00	4:51:00		Young investigator presentation	Awardee	

SESSION 16 - RNA METABOLISM NEUROINFLAMMATION	4:52:00	4:53:00	Plenary	Introduction to Session 10	Eran Hornstein	Weizmann Institute of Science
	4:53:00	5:13:00		<b>MicroRNA biology in ALS</b>		
	5:13:00	5:14:00		Speaker change break		
	5:14:00	5:29:00		<b>Proteins binding antisense RNA transcripts from C9orf72 gene mutation</b>		
	5:29:00	5:30:00		Speaker change break		
	5:30:00	5:45:00		<b>Neurovascular dysfunction distinguishes sporadic ALS cases with long and short disease durations</b>		
5:45:00	6:00:00	Moderated discussion	Mirjana Malnar	Jozef Stefan Institute		
				Elizabeth Elliott	University of Edinburgh	
				TBC		

SESSION 17 - POSTER SESSION AND EXHIBITION	6:01:00	6:10:00		Prizes & Closing remarks	Leonard van den Berg, Orla Hardiman	University Medical Center Utrecht / Trinity College Dublin
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