

T21

June 8-9-10 2021

Virtual Conference

21 Trisomy Research Society



www.t21rs2021.com



Thursday, June 8 2021

Theme: Biomarkers and Neuropathology in Down syndrome

Starting time	Session
4:00 pm CET/7:00 am PST	Welcome
4:15 pm CET/7:15 am PST	T21Rs General Assembly
5:00 pm CET/8:00 am PST	Break
5:20 pm CET/8:20 am PST	Plenary Lecture
6:05 pm CET/9:05 am PST	Break
6:25 pm CET/9:25 am PST	Symposium Session 1
	Tau cortical neuron expression profiling in demented and nondemented cases with
	The role of innate immune and iron-related putative biomarker proteins in
	Lewy body pathology in Down syndrome brain post mortem.
	Live discussion
7:10 pm CET/10:10 am PST	Break
7:30 pm CET/10:30 am PST	Trainee Blitz
8:15 pm CET/11:15 am PST	Close of Day 1

T21 June 8-9-10 2021

Virtual Conference

21 Trisomy Research Society



www.t21rs2021.com



Wednesday, June 9 2021

Theme: Behavioral and Clinical Studies in Down syndrome

Starting time	Session
4:00 pm CET/7:00 am PST	Plenary Lecture The role of endo-lysosomal dysfunction in Down syndrome. <i>Dr. Marie Claude Potier (Paris)</i>
4:45 pm CET/7:45 am PST	Break
5:05 pm CET/8:05 am PST	Symposium Session 2 Neural correlates of intellectual disability <i>Chair: Dr. Victoria Puig (Spain)</i> Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome. <i>Dr. Victoria Puig (Spain)</i> EEG correlates of excitation – inhibition balance in adults with Down syndrome. <i>Dr. Fedal Saini (UK)</i> Multimodal MRI biomarkers for Alzheimer disease in Down syndrome. <i>Dr. Michael Yassa (USA)</i> Live discussion
5:50 pm CET/8:50 am PST	Break
6:10 pm CET/9:10 am PST	Science and Society PST Opening words. <i>Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)</i> Community Engaged Research: The Down Syndrome Community Informing Research. <i>Dr. James Hendrix (USA)</i> Community engaged research: Centering self-advocates. <i>Dr. Priya Chandan (USA)</i> Research and the Voice of Caregivers – Results of Surveys and Focus Groups. <i>Hampus Hillerstrom (USA)</i> Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. <i>Dr. Matthew Janicki (USA)</i> Cultural program, drama piece. <i>Proposed by Dr. Sujay Ghosh (India)</i> Science and Society - Live discussion and closing remarks <i>Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)</i>
7:10 pm CET/10:10 am	Break
7:30 pm CET/10:30 am PST	Symposium Session 3 Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. <i>Chair: Dr. Johnathan Santoro (USA)</i> Are we underestimating the presence and treatment of mental illness in people with Down syndrome? <i>Dr. Maria del Carmen Ortega (Spain)</i> Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. <i>Dr. Stephanie Santoro (USA)</i> Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. <i>Dr. Johnathan Santoro (USA)</i> Live discussion
8:15 pm CET/11:15 am PST	Close of Day 2

T21

June 8-9-10 2021

Virtual Conference

21 Trisomy Research Society



RESEARCH
SOCIETY

www.t21rs2021.com



Thursday, June 10 2021

Theme: Inflammation in Down syndrome and Future Clinical Trials

Starting time	Session
4:00 pm CET/7:00 am PST	Plenary Lecture Medical Vulnerability of Individuals with Down Syndrome to Severe COVID-19: Data from the Trisomy 21 Research Society COVID-19 Survey. <i>Dr. Stephanie Sherman (USA)</i>
4:45 pm CET/7:45 am PST	Break
5:05 pm CET/8:05 am PST	Symposium Session 4 Brain and systemic inflammation in individuals with Down syndrome. <i>Chair: Dr. Lisi Flores-Aguilar (Canada)</i>
	Neuroinflammation across the lifespan of individuals with Down syndrome. <i>Dr. Lisi Flores-Aguilar (Canada)</i>
	Global immune remodelling and systemic inflammation in adults with Down syndrome. <i>Dr. Joaquin Espinosa (USA)</i>
	Systemic inflammation in children with Down syndrome. <i>Dr. Eleanor Molloy (Ireland)</i>
	Live discussion
5:50 pm CET/8:50 am PST	Break
6:10 pm CET/9:10 am PST	Symposium Session 5 Clinical trials to prevent Alzheimer's disease in Down syndrome: state-of-the-art in clinical outcome measures. <i>Chair: Dr. Andre Strydom (UK)</i>
	CAMCOG-DS-II: development and validation of a clinical and research tool for diagnosis and neuropsychological assessment in people with Down syndrome with suspected dementia. <i>Dr. Shahid Zaman (UK)</i>
	The H21/ Life-DSR cognitive test battery – identification of a trial outcome measure for early intervention in Down syndrome and Alzheimer disease using longitudinal data across cohorts. <i>Dr. Andy Aschenbrenner (USA)</i>
	Novel Endpoints in Down syndrome and Alzheimer disease: Using Goal Attainment Scaling to Measure Patient-Centered Outcomes. <i>Dr. Rookwood (USA)</i>
	Live discussion
6:55 pm CET/9:55 am PST	Break
7:15 pm CET/10:15 am PST	T21Rs Society Awards Annette Karmiloff-Smith and Michael Harpold Dissertation Award <i>Dr. Sandra Guidi (Italy)</i>
	T21Rs Society Awards TBN
	T21Rs Society Awards - Data Blitz Winners <i>Dr. Elizabeth Head (USA)</i>
	Closing <i>Dr. Andre Strydom (UK), Dr. Jorge Busciglio (USA) and Dr. Elizabeth Head (USA)</i>