## 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

## Wednesday, June 9 2021

Theme: Behavioral and Clinical Studies in Down syndrome

### Break #### Science and Society #### Community Engaged Research: The Down Syndrome and Dementia Supported in Group ####################################		Theme: Behavioral and Clinical Studies in Down syndrome
### The role of endo-lysosonal dysfunction in Down syndrome.  ### Dr. Marie Cloude Potter (Paris)  ### Symposium Session 2    Neural correlates of intellectual disability   Chair: Dr. Victoria Pulg (Spain)   Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome.   Dr. Victoria Pulg (Spain)   Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome.   Dr. Victoria Pulg (Spain)   EEG correlates of excitation – inhibition balance in adults with Down syndrome.   Dr. Eedd Saini (UK)   Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.   Dr. Michael Yassa (USA)   Live discussion   Science and Society   PST Opening words.   Drs. Maria Cormona Iragui (Spain) and Anne-Sophie Rebillat (France)   Community Engaged Research: The Down Syndrome Community Informing Research.   Dr. James Hendrix (USA)   Community Engaged Research: The Down Syndrome Community Informing Research.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Community Engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)   Control Priya Chandan (USA)   Down Syndrome Regression Diso	Starting time	Session
### Break #### Author Carmon Inspired France ##### Community Engaged Research: The Down Syndrome Community Informing Research.  ##### Dr. Maria Carmon Inspired France ####################################		•
### Symposium Session 2   Neural correlates of intellectual disability   Chair: Dr. Victoria Puig (Spain)	4:00 pm CET/7:00 am PST	The role of endo-lysosomal dysfunction in Down syndrome.
Symposium Session 2  Neural correlates of intellectual disability Chair: Dr. Victoria Puig (Spain)  Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome.  Dr. Victoria Puig (Spain)  EEG correlates of excitation – inhibition balance in adults with Down syndrome. Dr. Metabol Puig (Spain)  EEG correlates of excitation – inhibition balance in adults with Down syndrome. Dr. Michael Yassa (USA)  Live discussion  Break  Science and Society PST Opening words. Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santora (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome? Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santora (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santora (USA)		Dr. Marie Claude Potier (Paris)
Neural correlates of intellectual disability Choir: Dr. Victoria Puig (Spain)  Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome. Dr. Victoria Puig (Spain)  EEG correlates of excitation – inhibition balance in adults with Down syndrome. Dr. Michael Yassa (USA)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome. Dr. Michael Yassa (USA)  Elve discussion  5:50 pm CET/8:50 am PST  Science and Society PST Opening words. Drs. Maria Carmona Inagui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community Engaged Research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujoy (Shosh (India) Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  8reak  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome? Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Neutroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Dav 2.	4:45 pm CET/7:45 am PST	Break
Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome.  Dr. Victoria Puig (Spain)  EEG correlates of excitation – inhibition balance in adults with Down syndrome. Dr. Fedot Solini (UK)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome. Dr. Michael Yosso (USA)  Live discussion  Science and Society PST Opening words. Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Motthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Suly of Shosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Proposed by Dr. Suly of Shosh (India)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Maria del Carmon Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Sontoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  Close of Dav 2.		Symposium Session 2
Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down syndrome.  Dr. Victoria Puig (Spain)  EEG correlates of excitation – inhibition balance in adults with Down syndrome. Dr. Fedal Saini (UK)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome. Dr. Michael Yassa (USA)  Live discussion  5:50 pm CET/8:50 am PST  Science and Society PST Opening words. Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. Priya Chandan (USA)  Community Engaged Research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Jonicki (USA)  Cultural program, drama piece. Proposed by Dr. Sulya Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  8:10 pm CET/10:10 am  PST  Regression Disorder: Neuron Cultural program, drama piece. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome? Dr. Maria del Carmen Ortega (Spain)  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion		Neural correlates of intellectual disability
Syndrome.  Dr. Victorio Puig (Spain)  EEG correlates of excitation – inhibition balance in adults with Down syndrome.  Dr. Fedal Saini (UK)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.  Dr. Michael Yassa (USA)  Live discussion  Break  Science and Society PST Opening words.  Dr. Smaria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research.  Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates.  Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society – Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  France Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santora (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion		Chair: Dr. Victoria Puig (Spain)
EEG correlates of excitation - inhibition balance in adults with Down syndrome.  Dr. Fedd Saini (UK)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.  Dr. Michael Yossa (USA)  Live discussion  Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research.  Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates.  Dr. Priya Chandan (USA)  Research and the Voice of Caregivers - Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Fral Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental Illness in people with Down syndrome:  PST Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Maria del Carmen Ortega (Spain)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  Close of Day 2		Prefrontal-hippocampal neural dynamics as predictors of cognitive impairment and rescue in Down
EEG correlates of excitation – inhibition balance in adults with Down syndrome.  Dr. Fedal Soini (UK)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.  Dr. Michael Yassa (USA)  Live discussion  Break  Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research.  Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates.  Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  8 Peak  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome.  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Elega Grav 2	5:05 pm CET/8:05 am PST	syndrome.
Dr. Fedal Saini (UK)  Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.  Dr. Michael Yassa (USA)  Live discussion  Break  Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrik (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers — Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Fito pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion		Dr. Victoria Puig (Spain)
Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.  Dr. Michael Yassa (USA)  Live discussion  Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Maria del Carmen Ortega (Spain)  Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Dav 2.		EEG correlates of excitation – inhibition balance in adults with Down syndrome.
Dr. Michael Yassa (USA)		Dr. Fedal Saini (UK)
Eiso pm CET/8:50 am PST  Break  Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers - Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome? Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Dav 2		Multimodal MRI biomarkers for Alzheimer disease in Down syndrome.
Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers - Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am		Dr. Michael Yassa (USA)
Science and Society PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research. Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates. Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups. Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes. Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Live discussion
PST Opening words.  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Community Engaged Research: The Down Syndrome Community Informing Research.  Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates.  Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  T:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Dav 2	5:50 pm CET/8:50 am PST	Break
Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)   Community Engaged Research: The Down Syndrome Community Informing Research.   Dr. James Hendrix (USA)     Community engaged research: Centering self-advocates.   Dr. Priya Chandan (USA)     Research and the Voice of Caregivers – Results of Surveys and Focus Groups.   Hampus Hillerstrom (USA)     Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.   Dr. Matthew Janicki (USA)     Cultural program, drama piece.   Proposed by Dr. Sujay Ghosh (India)     Science and Society - Live discussion and closing remarks   Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)     7:10 pm CET/10:10 am   Break   Symposium Session 3     Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.   Chair: Dr. Johnathan Santoro (USA)     Are we underestimating the presence and treatment of mental illness in people with Down   Syndrome?   Dr. Maria del Carmen Ortega (Spain)     Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.   Dr. Stephanie Santoro (USA)     Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.   Dr. Johnathan Santoro (USA)     Live discussion   Live Live Data   Live discussion   L		Science and Society
Community Engaged Research: The Down Syndrome Community Informing Research.  Dr. James Hendrix (USA)  Community engaged research: Centering self-advocates.  Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  Close of Dav 2		PST Opening words.
6:10 pm CET/9:10 am PST  Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Igpain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  Close of Dav 2		Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)
Community engaged research: Centering self-advocates.  Dr. Priya Chandan (USA)  Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  8 Preak  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  Close of Day 2		Community Engaged Research: The Down Syndrome Community Informing Research.
Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  Science and Society - Live discussion  Close of Day 2		Dr. James Hendrix (USA)
Research and the Voice of Caregivers – Results of Surveys and Focus Groups.  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  8 Preak  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  Close of Day 2		Community engaged research: Centering self-advocates.
All pin CET/9:10 aim PST  Hampus Hillerstrom (USA)  Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  Close of Dav 2		Dr. Priya Chandan (USA)
Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  Dr. Maria del Carmen Ortega (Spain)  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  Close of Day 2	C.10 pm CFT/0.10 pm DCT	Research and the Voice of Caregivers – Results of Surveys and Focus Groups.
Homes.  Dr. Matthew Janicki (USA)  Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Dav 2	6:10 pm CE1/9:10 am PS1	Hampus Hillerstrom (USA)
Cultural program, drama piece. Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Longitudinal Data Outcomes on Adults with Down Syndrome and Dementia Supported in Group
Cultural program, drama piece.  Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Dav 2		Homes.
Proposed by Dr. Sujay Ghosh (India)  Science and Society - Live discussion and closing remarks Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis. Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes. Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Dr. Matthew Janicki (USA)
Science and Society - Live discussion and closing remarks  Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)  7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Cultural program, drama piece.
7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Proposed by Dr. Sujay Ghosh (India)
7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Science and Society - Live discussion and closing remarks
7:10 pm CET/10:10 am  Break  Symposium Session 3  Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Drs. Maria Carmona Iragui (Spain) and Anne-Sophie Rebillat (France)
Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.  Chair: Dr. Johnathan Santoro (USA)  Are we underestimating the presence and treatment of mental illness in people with Down syndrome?  7:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2	7:10 pm CET/10:10 am	
T:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Eive discussion  Close of Day 2		Symposium Session 3
T:30 pm CET/10:30 am  PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Eive discussion  Close of Day 2		Down Syndrome Regression Disorder: Clinical Characteristics and Differential Diagnosis.
7:30 pm CET/10:30 am PST Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA) Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA) Live discussion  8:15 pm CET/11:15 am Close of Day 2		Chair: Dr. Johnathan Santoro (USA)
7:30 pm CET/10:30 am PST Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA) Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA) Live discussion  8:15 pm CET/11:15 am Close of Day 2		Are we underestimating the presence and treatment of mental illness in people with Down
PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		
PST  Regression in Down Syndrome: Multi-Center Data on Clinical Phenotypes.  Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2	7:30 pm CET/10:30 am	Dr. Maria del Carmen Ortega (Spain)
Dr. Stephanie Santoro (USA)  Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to Immunomodulatory Therapy. Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2	· ·	
Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		
Immunomodulatory Therapy.  Dr. Johnathan Santoro (USA)  Live discussion  8:15 pm CET/11:15 am  Close of Day 2		Down Syndrome Regression Disorder: Neuroimmunologic Phenomenon and Responses to
Dr. Johnathan Santoro (USA) Live discussion  8:15 pm CET/11:15 am Close of Day 2		
Live discussion 8:15 pm CET/11:15 am Close of Day 2		
8:15 pm CET/11:15 am Close of Day 2		
Close of Day 2	8:15 pm CET/11:15 am	
· · · · · · · · · · · · · · · · · · ·	PST	Close of Day 2



## Thursday, June 10 2021

Theme: Inflammation in Down syndrome and Future Clinical Trials

Starting time	Cossion
Starting time	Session
	Plenary Lecture
4:00 pm CET/7:00 am PST	Medical Vulnerability of Individuals with Down Syndrome to Severe COVID-19: Data from the
	Trisomy 21 Research Society COVID-19 Survey.  Dr. Stephanie Sherman (USA)
4:45 pm CET/7:45 am PST	·
4.45 pill CE1/7.45 dill PS1	
	Symposium Session 4
	Brain and systemic inflammation in individuals with Down syndrome.  Chair: Dr. Lisi Flores-Aguilar (Canada)
	Neuroinflammation across the lifespan of individuals with Down syndrome.
5:05 pm CET/8:05 am PST	Dr. Lisi Flores-Aguilar (Canada)
3.03 pili CE1/8.03 aili F31	Global immune remodelling and systemic inflammation in adults with Down syndrome.
	Dr. Joaquin Espinosa (USA)
	Systemic inflammation in children with Down syndrome.
	Dr. Eleanor Molloy (Ireland)
	Live discussion
5:50 pm CET/8:50 am PST	Break
5.55 p 52.7 5.55 d 1 5.	Symposium Session 5
	Clinical trials to prevent Alzheimer's disease in Down syndrome: state-of-the-art in clinical
	outcome measures.
	Chair: Dr. Andre Strydom (UK)
	, , ,
	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.
	Dr. Shahid Zaman (UK)
6:10 pm CET/9:10 am PST	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.
	Dr. Andy Aschenbrenner (USA)
	Novel Endpoints in Down syndrome and Alzheimer disease: Using Goal Attainment Scaling to
	Measure Patient-Centered Outcomes.
	Dr. Rookwood (USA)
	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
	Dr. Sandra Guidi (Italy)
	T21Rs Society Awards
	TBN
	T21Rs Society Awards - Data Blitz Winners
	Dr. Elizabeth Head (USA)
	Closing
	Dr. Andre Strydom (UK), Dr. Jorge Busciglio (USA) and Dr. Elizabeth Head (USA)