

**CAG Triplet Repeat Disorders
Agenda**

CAG Triplet Repeat Disorders

May 31 - June 5, 2009

Waterville Valley Resort

Waterville Valley, NH

Chair:

Jang-Ho Cha

Vice Chair:

Laura Ranum

2:00 pm - 9:00 pm	Arrival and Check-in (Office Closed 6:00 pm - 7:00 pm)
6:00 PM	Dinner
7:30 pm - 7:40 pm	Welcome / Introductory Comments by GRC Site Staff
7:40 pm - 9:30 pm	KEYNOTE ADDRESS Session Chair: Jang-Ho Cha (Massachusetts General Hospital)
7:40 pm - 8:40 pm	Harry Orr (University of Minnesota) "Biochemical and physiological deficits in a polyglutamine disease"
8:40 pm - 9:15 pm	Discussion
MONDAY	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	CLINICAL PRESENTATION SETTING THE STAGE FOR PRECLINICAL OPPORTUNITIES (HD and SCAs) Session Chair: Anne Young (Massachusetts General Hospital)
9:00 am - 9:30 am	Marian DiFiglia (Massachusetts General Hospital) "Molecular Pathology"
9:30 am - 9:45 am	Discussion
9:45 AM	Coffee Break / Group Photo
10:30 am - 11:00 am	Stefano DiDonato (Istituto Nazionale Neurologico 'C. Besta') "Clinical Aspects and Peripheral Markers of Neurodegeneration"
11:00 am - 11:15 am	Discussion
11:15 am - 11:45 am	Jane Paulsen (University of Iowa) "Biological and Clinical Markers of HD before Diagnosis: The PREDICT-HD Study"
11:45 am - 12:00 pm	Discussion
12:00 pm - 12:30 pm	Structured Discussion: Blair Leavitt (University of British Columbia)
12:30 PM	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session I
6:00 PM	Dinner
7:30 pm - 9:30 pm	INFLAMMATION IN CAG TRIPLET REPEAT DISORDERS Session Chair: Yijuang Chern (Institute of Biomedical Sciences, Taiwan)
7:30 pm - 8:00 pm	Maria Bjorkqvist (Lund University) "Peripheral markers of inflammation in HD"
8:00 pm - 8:15 pm	Discussion
8:15 pm - 8:45 pm	Thomas Moeller (University Washington) "Role of Microglia in Huntington's disease"
8:45 pm - 9:00 pm	Discussion
9:00 pm - 9:30 pm	Structured Discussion: Paul Muchowski (University of California, San Francisco)
TUESDAY	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	TRANSCRIPTION: MECHANISMS AND THERAPY Session Chair: Leslie Thompson (University of California, Irvine)
9:00 am - 9:30 am	Ruth Luthi-Carter (Ecole Polytechnique Federale de Lausanne) "Mechanisms of transcriptional dysregulation as revealed by gene expression profiling"
9:30 am - 9:45 am	Discussion
9:45 am - 10:00 am	Puneet Opal (Northwestern University) "Role of transcriptional corepressors in SCA1 pathogenesis"

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10:00 AM	Coffee Break
10:30 am - 11:00 am	Gillian Bates (Kings College) "HDAC inhibition in mouse models of HD"
11:00 am - 11:15 am	Discussion
11:15 am - 11:45 am	Joel Gottesfeld (Scripps Institute) "Novel HDAC Inhibitors"
11:45 am - 12:00 pm	Discussion
12:00 pm - 12:30 pm	Structured Discussion: Joan Steffan (University of California, Irvine)
12:30 PM	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session II
6:00 PM	Dinner
7:30 pm - 9:30 pm	GENETIC MODIFIERS Session Chair: Diane Merry (Thomas Jefferson University) Darren Monckton (University of Glasgow) "Genetic modifiers of disease severity in myotonic dystrophy"
8:00 pm - 8:15 pm	Discussion
8:15 pm - 8:45 pm	Juan Botas (Baylor University School of Medicine) "Genetic Modifiers in Drosophila"
8:45 pm - 9:00 pm	Discussion
9:00 pm - 9:30 pm	Structured Discussion: James Gusella (Massachusetts General Hospital)
WEDNESDAY	
7:30 am - 8:30 am	Breakfast
9:00 am - 12:30 pm	RNA GAIN OF FUNCTION AND BIDIRECTIONAL EXPRESSION Session Chair: J. Paul Taylor (St Jude Children's Hospital) Tom Cooper (Baylor University School of Medicine) "CUG effects on RNA splicing"
9:30 am - 9:45 am	Discussion
9:45 am - 10:00 am	Peng Jin (Emory University) "Identification of small molecules suppressing rCGG-repeat-mediated neurodegeneration"
10:00 AM	Coffee Break
10:30 am - 11:00 am	Al La Spada (University of Washington) "Bidirectional expression in SCA7: role of CTCF repeats"
11:00 am - 11:15 am	Discussion
11:15 am - 11:45 am	Galina Filippova (Fred Hutchison Cancer Research Center) "Bidirectional expression of DM1 and FMR1"
11:45 am - 12:00 pm	Discussion
12:00 pm - 12:30 pm	Structured Discussion: Maury Swanson (University of Florida)
12:30 PM	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session III
6:00 PM	Dinner
7:30 pm - 9:30 pm	REPEAT INSTABILITY Session Chair: Jenny Morton (Cambridge University) Vanessa Wheeler (Massachusetts General Hospital) "A genetics approach to understanding trinucleotide repeat instability in Huntington's disease"
8:00 pm - 8:15 pm	Discussion
8:15 pm - 8:45 pm	Christopher Pearson (Sick Kids Hospital) "Tissue-specific determinants of trinucleotide repeat instability"
8:45 pm - 9:00 pm	Discussion
9:00 pm - 9:30 pm	Structured Discussion: Anne Messer (Wadsworth Institute)
THURSDAY	
7:30 am - 8:30 am	Breakfast
9:00 am - 10:00 am	DATA BLITZ Session Chair: Laura Ranum (University of Minnesota)
9:00 am - 9:10 am	Heather Montie (GRS Attendee, Thomas Jefferson University) "Cytoplasmic Retention of Polyglutamine-Expanded Androgen Receptor Ameliorates Disease via Autophagy in a Mouse Model of Spinal and Bulbar Muscular Atrophy"

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9:10 am - 9:15 am	Discussion
9:15 am - 9:25 am	Lise Munsie (GRS Attendee, McMaster University) "The Huntington's Disease Protein has a Nuclear Function in Cell Stress Response"
9:25 am - 9:30 am	Discussion
9:30 am - 9:40 am	Janghoo Lim (GRS Attendee, Baylor College of Medicine) "Role of RNA regulation in SCA1 pathogenesis"
9:40 am - 9:45 am	Discussion
9:45 am - 9:55 am	Scott Zeitlin (University of Virginia) "Expression of a version of huntingtin lacking its short stretch of polyglutamine (deltaQ-htt) enhances neuronal autophagy and longevity in mice, and stimulates the formation of autophagosomes in vitro"
9:55 am - 10:00 am	Discussion
10:00 AM	Coffee Break
10:30 am - 12:30 pm	NEUROIMAGING STUDIES Discussion Leader: Yvette Bordelon (University of California, Los Angeles)
10:30 am - 11:00 am	Gülin Öz (University of Minnesota) "Magnetic Resonance Spectroscopy imaging studies of ataxia patients and mice"
11:00 am - 11:15 am	Discussion
11:15 am - 11:45 am	Wenzhen Duan (Johns Hopkins Univ) "MRI as a biomarker in preclinical studies"
11:45 am - 12:00 pm	Discussion
12:00 pm - 12:30 pm	Structured Discussion: Yvette Bordelon (University of California, Los Angeles)
12:30 PM	Lunch
1:30 pm - 4:00 pm	Free Time
4:00 pm - 6:00 pm	Poster Session IV
6:00 PM	Dinner
7:00 pm - 7:30 pm	Business Meeting (Nominations for the next Vice Chair; Fill out Conference Evaluation Forms; Discuss future Site & Scheduling preferences; Election of the next Vice Chair)
7:30 pm - 9:30 pm	CIRCUITRY MALFUNCTION AND SYNAPTIC PATHOLOGY Session Chair: Lynn Raymond (Univ British Columbia)
7:30 pm - 8:00 pm	Xiao-Jiang Li (Emory University) "Synaptic pathology in CAG Triplet Repeat Disorders"
8:00 pm - 8:15 pm	Discussion
8:15 pm - 8:45 pm	George Rebec (Indiana University) "A systems-level analysis of HD mouse models: dysregulation of ascorbate release, glutamate uptake, and corticostriatal neuronal communication"
8:45 pm - 9:00 pm	Discussion
9:00 pm - 9:30 pm	Structured Discussion: Kerry Murphy (Open University)
FRIDAY	
7:30 am - 8:30 am	Breakfast
9:00 AM	Depart