National Ataxia Foundation

AIM 2010 - 3rd Ataxia Investigators' Meeting

In Conjunction with the University of Chicago
Program in Pathobiology and Translational Neuroscience
Chicago, Illinois at the Hyatt Regency O'Hare Hotel
March 9-11, 2010

TUESDAY MARCH 9, 2010

3 PM	Registration opens
4-6 PM	Welcome Reception and Registration
6-7 PM	Dinner
7 PM	Opening Remarks – Christopher M. Gomez
7 PM	KEYNOTE ADDRESS

Christian Hansel
University of Chicago
"Cerebellar Learning and Connectivity"

WEDNESDAY MARCH 10, 2010

8:00AM Wednesday – 10PM Thursday Posters Up For Viewing

7:00-8:00	Breakfast

Theme 1 – *Cerebellar function (and episodic) dysfunction*
Session Co-Chairs: Paulson/Ying

8:00 AM	Episodic ataxias: an overview, Joanna C. Jen, UCLA
8:30 AM	Episodic ataxias: physiological mechanisms, Ellen Hess, Emory University
9:00 AM	The therapeutic mode of action of 4-AP in Episodic ataxia, K Khodakhah, Albert Einstein College of Medicine
9:30 AM	Break 30 minutes

Theme 2 – *Molecular pathogenesis of autosomal dominant ataxias*
Session Co-Chairs – Margolis/Wilmot

10:00 AM	SCA2 and SCA13, Stefan M. Pulst, University of Utah
10:30 AM	SCA3, Henry L. Paulson, University of Michigan
11:00 AM	SCA6, Christopher M. Gomez, University of Chicago

12:00-1:15 PM Lunch and Posters

1:15 PM INVITED JUNIOR LECTURE I

1:40 PM INVITED JUNIOR LECTURE II

2:05 PM SCA7, Albert R. LaSpada, UCSD

2:35 PM SCA17, Xiao-Jiang Li, Emory University

3:05 PM Break 25 min

3:30 PM SCA5 and SCA8, Laura PW Ranum, University of Minnesota

4:00 PM SCA10, Tee Ashizawa, University of Florida, Gainesville

4:30 PM Molecular pathophysiology of SCA14 caused by gammaPKC mutations, Norio Sakai, Hiroshima University, Hiroshima, Japan

5:00 PM Perspectives on dominant ataxia: insights from SCA1 that apply to other spinocerebellar ataxias, Harry T. Orr, University of Minnesota

5:30 PM KEYNOTE ADDRESS

Richard Morimoto
Northwestern University
"The Proteostasis Challenge: The Stress of Misfolded Proteins in Aging and Disease"

6:30 PM Board buses for off-site Outing

7:15 PM Hors d' oeuvre & Dessert Reception at River East Art Center for AIM attendees only

9:15 PM Board buses for hotel

THURSDAY MARCH 11, 2010

Theme 3 – *Molecular pathogenesis of recessively inherited ataxias*
Session Co-Chairs: Subramony/Wilson

7:00-8:00 Breakfast

8:00 AM KEYNOTE ADDRESS

Keith Caldecott
University of Sussex
"Defects in DNA Single-Strand Break Repair and Neurodegenerative Disease - a Matter of Balance"

8:45 AM The function of ATM in the central nervous system: beyond DNA breaks, Karl Herrup, Rutgers University

9:15 AM Senataxin, defective in AOA2, protects against oxidative stress and transcription dysregulation, Martin F. Lavin, Queensland Institute of Medical Research, Brisbane

9:45 AM Novel Recessive ataxias, Michel Koenig, Institut de Génétique, CNRS, Université Louis-Pasteur

10:15 Break 30 minutes

10:45 AM Overview of Friedreich's ataxia, Robert B. Wilson, University of Pennsylvania

11:15 AM Role of frataxin in iron-sulfur cluster biosynthesis, Grazia Isaya, Mayo Clinic Rochester

11:45 Frataxin gene regulation and pathways affected by frataxin deficiency, Massimo Pandolfo, Brussels

12:15-1:45 PM Lunch and posters

Theme 4 – *Moving towards therapy: Novel strategies and outcomes measures in ataxia*
Session Co-Chairs: Gwinn/Schmahmann

1:45 PM Friedreich's ataxia: Mitochondrial therapeutics, Sidney M. Hecht, Biodesign Institute, ASU

2:15 PM INVITED JUNIOR LECTURE III

2:40 PM INVITED JUNIOR LECTURE IV

3:05 PM Friedreich ataxia-5 Transcriptional enhancement with HDAC inhibitors, Joel M Gottesfeld, Scripps Institute, San Diego

3:35 PM Break

4:00 PM Natural history studies and EuroSCA research network: 2010, Thomas Klockgether

4:30 PM Imaging correlates of SCA1 pathogenesis: From Biomarkers to Bioexplanations, Ana Solodkin, University of Chicago

5:00 PM MRS biomarkers for ataxias, Gulin Oz, CMRR, University of Minnesota.

5:30 PM Towards therapy for ataxia: how do we get there? Kurt Fischbeck, NINDS

6:00 PM Young Investigator Awards

6:00 PM Dinner

7:00 PM KEYNOTE ADDRESS

Ole Isacson
Harvard University
"Stem cells and iPS cells: Paradigm shifts in cell therapeutics and discovery for neurodegenerative diseases"