



*Society for Neuroscience
Neuroscience 2008
November 15-19, 2008
Washington, D.C.*

Please let this serve to certify that

Name: Muhammad
Ghahramani-Senj

Degree: DM - PhD

has attended Neuroscience 2008, the 38th Annual Meeting of the Society for Neuroscience at the Walter E. Washington Convention Center, in Washington, D.C.

The Society for Neuroscience (SfN) is a nonprofit membership organization of basic scientists and physicians who study the brain and nervous system. The Society's primary goal is to promote the exchange of information among researchers. For this purpose, SfN holds a prestigious annual meeting, attended by scientists and researchers from around the globe. It is considered the most important annual forum for the neuroscience research community, offering attendees the opportunity to learn about the latest advances in brain research and to meet and network with their colleagues at top destinations throughout the United States.

Staff Signature:

Doreen D. Belding

Date: 15 Nov 2008



- 3:00 **410.9** Parkinsonism associated PTEN-induced kinase 1 affects mitochondrial dynamics via phosphorylation of Dynamin-related protein 1. K. J. THOMAS*, A. SANDEBRING; A. BEILINA; M. P. VAN DER BRUG; M. CLELAND; D. MILLER; I. ZAMBRANO; R. AHMAD; C. UNGER; H. BEHBAHANI; A. CEDAZO-MINGUEZ; M. COOKSON. *Natl. Inst. Aging, NIH, Georgetown Univ., Karolinska Institutet, Natl. Inst. Neuro Dis. and Stroke, NIH, Johns Hopkins Univ.*
- 3:15 **410.10** PINK1 modulates mitochondrial morphology and autophagy in 6-OHDA-injured SH-SY5Y cells. R. DAGDA*, S. M. KULICH; S. J. CHERRA III; A. TANDON; C. T. CHU. *Univ. of Pittsburgh, Veterans Admin. Pittsburgh Healthcare Syst, Univ. of Pittsburgh, Univ. of Toronto.*
- 3:30 **410.11** α -synuclein abnormalities in mouse models of peroxisome biogenesis disorders: implications for the involvement of peroxisomes in parkinson's disease. R. SHARON*; A. MOSER; V. LOEB; A. SAADA-REISCH; P. FAUST; D. I. CRANE; M. BAES; E. YAKONIN. *Hebrew University-Hadassah Sch., Johns Hopkins Univ. Sch. of Med., Hebrew University, Hadassah Med. Ctr., Columbia Univ., Griffith Univ., Katholieke Univ.*
- 3:45 **410.12** Is MNMNT1 responsible for the neuroprotection of dopaminergic neurons in Wallerian Degeneration-slow (WldS) mice? J. ANTENOR-DORSEY*; K. L. O'MALLEY. *Washington Univ., Washington Univ. Sch. of Med.*

SLIDE

411. Autism: Risk Factors and Neural Systems

Theme C: Disorders of the Nervous System

- 1:00 **411.1** Dysregulation of microRNAs and genes in autism spectrum disorder. M. M. GHAHRAMANI SENO*; D. PINTO; C. R. MARSHALL; T. PATON; J. SKAUG; P. HU; G. CASALLO; K. LEE; B. THIRUVAHINDRAPURAM; S. W. SCHERER. *Hosp for Sick Children, Hosp. for Sick Children, Univ. of California-Davis, Univ. of California-Davis.*
- 1:15 **411.2** Maternal periconceptual intake of prenatal vitamins and risk of autism spectrum disorders. R. J. SCHMIDT*; I. HERTZ-PICCOTTO; R. HANSEN. *Univ. of California-Davis, Univ. of California-Davis, Univ. of California-Davis.*
- 1:30 **411.3** Haploinsufficiency for Pten and Serotonin transporter cooperatively influences brain size and social behavior: a model for polygenic autism. D. T. PAGE*; O. J. KUTI; C. PRESTIA; M. SUR. *MIT.*
- 1:45 **411.4** Preliminary evidence for dysfunctional cortical plasticity mechanisms in autism spectrum disorders. L. M. OBERMAN*; J. MARIA-TORMOS; A. PASCUAL-LEONE. *Beth Israel Deaconess Med. Ctr., Inst. Guttmann.*
- 2:00 **411.5** Impaired perceptual processes in autism. K. O'HEARN*; S. FRANCONERI; E. SCHROER; B. LUNA. *Univ. of Pittsburgh, Northwestern Univ.*
- 2:15 **411.6** Temporo-spatial gaze patterns in autistic children. S. KITAZAWA*; Y. ENDO; Y. YAMANE; M. TAKAHASHI. *Univ. of Med., Asahikawa/Medical Col. Junjendo Univ. Sch. of Med., Asahikawa/Medical Col.*
- 2:30 **411.7** Do individuals with autism have noisier neural circuits? M. A. COSKUN*; S. L. REDDOCH; D. A. PEARSON; K. A. LOVELAND; E. M. CASTILLO; A. C. PAPANICOLAOU; B. R. SHETH. *Univ. Houston, The Univ. of Texas Hlth. Sci. Ctr. at Houston, The Univ. of Houston, Ctr. at Houston, Univ. of Houston.*

SLIDE

- 2:45 **411.8** Gamma-band oscillations during perceptual integration in autism spectrum disorders. P. J. UHLHAAS*; T. TOZMAN; S. BÖLTE; F. POUSTKA; M. WIBRAL; W. SINGER; C. TILLMANN. *MPI for Brain Res., Johann Wolfgang Goethe Univ., Johann Wolfgang Goethe Univ., Johann Wolfgang Goethe Univ., Johann Wolfgang Goethe Univ.*
- 3:00 **411.9** Functional connectivity of extrastriate cortex in autism: an fMRI study of semantic decision. M. SHEN*; M. S. GAFFREY; B. M. KEEHN; M. E. VILLALOBOS; D. K. SHUKLA; R. MÜLLER. *San Diego State Univ., Univ. of Wisconsin-Milwaukee, SDSU/UCSD, Univ. of Utah, UCSD.*
- 3:15 **411.10** Dysfunctions of brain networks supporting empathy - a functional magnetic resonance imaging investigation in adults with autism spectrum disorder. M. SCHULTE-RUTHER*; E. GREIMEL; H. J. MARKOWITZSCH; I. KAMP; BECKER; H. REMSCHMIDT; K. KONRAD; G. R. FINK; M. PIEFKE. *Univ. Hosp RWTH Aachen, Res. Ctr. Jülich, Univ. Hosp. RWTH Aachen, Univ. of Bielefeld, Phillips Univ. Marburg, Univ. Hosp. Cologne.*
- 3:30 **411.11** Distinct neural signatures of response monitoring deficits in autism spectrum disorders and schizophrenia. D. S. MANOACH*; F. E. POLLI; K. N. THAKKAR; J. YOUNG; K. A. DYCKMAN; D. S. TUCH; R. M. JOSEPH; D. C. GOFF. *Mass Gen. Hosp East, Athinoula A. Martinos Ctr., Mass Gen. Hosp East, Boston Univ. Sch. of Med.*
- 3:45 **411.12** It's about time: MEG investigation of neural synchrony in auditory language cortex in children with autism, their siblings, and typically developing controls. N. M. GAGE*; A. ISENBERG; P. T. FILLMORE; K. OSANN; M. SPENCE. *Univ. of Calif., Irvine, Univ. of Calif., Irvine, Univ. of Calif., Irvine.*

SLIDE

412. Molecular Brain Ischemia

Theme C: Disorders of the Nervous System

- 1:00 **412.1** A quantitative description of proteomes of ischemic and ischemic-tolerant mouse brains. A. ZHOU*; M. D. STAPELS. *Legacy Res., Waters Corporation.*
- 1:15 **412.2** Angiotensin 2 mediates neuronal differentiation and migration of neural progenitor cells through receptor Tie2-dependent and independent pathways. X. LIU*; M. CHOPP; A. HOZESKA; D. C. MORRIS; B. BULLER; R. ZHANG; Z. ZHANG. *Henry Ford Hlt Syst, Oakland Univ., Henry Ford Hlt Syst.*
- 1:30 **412.3** Post-stroke blockade of ephrinA5 increases axonal sprouting in the mouse somatosensory cortex. J. OVERMAN*; S. KALARIA; B. OVERMAN; D. WILLIS; J. TWISS; I. B. WANNER; S. Li; S. CARMICHAEL. *UCLA, Alfred I duPont Hosp. for Children.*
- 1:45 **412.4** Activated protein C induced brain capillary tube morphogenesis is mediated by sphingosine 1-phosphate. I. SINGH*; R. DEANE; B. ZLOKOVIC. *Univ. Rochester, Med. Ctr.*
- 2:00 **412.5** ZEB1 links p63 and p73 in a novel neuronal survival pathway rapidly induced in response to cortical ischemia. T. L. GENETTA*; A. PIRANI; H. WU; J. SEQUEIRA; T. WEN; A. SOLA; Y. HIGASHI; H. KONDOH; T. BUI. *Emory Sch. Med., Emory Sch. Med., Emory Sch. Med., Mid Atlantic Neonatology Assoc., Osaka Univ.*