

You are cordially invited by

American Chinese Medical Exchange Society (ACMES)

BIOMEDICAL ADVANCES OF AUTISM 2013

8AM-5:30PM, AUGUST 18TH, 2013

@ HARVARD MEDICAL SCHOOL

DFCI, JIMMY FUND AUDITORIUM

35 BINNEY ST., BOSTON, MA, 02115

Featured Speakers: Christopher J McDougle, MD, Martha Hebert, MD, PhD, Valerie Hu, PhD, David Lee, PhD, Louisa M.T. Silva, MD, MPH, Noel Chen, Ph. D, William Stone and more...



Healthcare Providers, Researchers and Parents: Together, we make a difference in Autism and those affected! -----seats are limited, sign in today!

Admission: \$20 include lunch before 8/1/13

Register today and RSVP at : <http://autism-2013.eventbrite.com/>

BIOMEDICAL ADVANCES OF AUTISM 2013

PROGRAM AGENDA

8:00: Registration (Registration fee \$20, lunch and coffee included)

8:45-9:45: “Pharmacological Management of Behavioral Symptoms in Autism Spectrum Disorder” Christopher J McDougle, M.D., Director of Lurie Center for Autism at Massachusetts General Hospital and the Nancy Lurie Marks Professor at Harvard Medical School.

9:45-10:30: “An integrated genomics approach towards understanding: What causes autism?” Valerie Hu, Ph.D., Professor of Biochemistry and Molecular Biology. The George Washington University School of Medicine and Health Sciences

10:30-10:45: Coffee break

10:45-12:15: Panel Discussion: Research and Renovation

“Important biomarkers in autism” Helen Ratajczak, Ph.D., Autism Research, Edmond Enterprises, Danbury, CT

“Genetic advances in autism” Bailin Wu, Ph.D., Assistant Professor, Harvard Medical School/Director of Genetics, Children Hospital of Boston

“Autism Genome 10K Project” Noel Chen, Ph.D., Director of Scientific Collaboration, BGI Americas

12:15-1:00 : Lunch (served), Autism books, NAJMS Autism Special Issue and Autism Art exhibition

“To Cure Autism Institute” by Xuejun Kong, MD, Attending Physician, BIDMC/Harvard Medical School

“Life-long Buddy” project by Andrew P. Wilford, undergraduate student at McGill University

1:00-2:00: “A Whole-Body Approach to Brain Health in Autism. ” Martha Herbert, M.D., Ph.D., Assistant Professor of Neurology at Harvard Medical School, Pediatric Neurologist and director of the TRANSCEND Research Program

2:00-3:30: Panel Discussion: Alternative Treatment for Autism

“Qi Gong, Massage therapy for Autism” Louisa M.T. Silva, M.D., M.P.H., Visiting Professor, Teaching Research Institute, Western Oregon University

“Chinese herbs and its applications in autism” David Lee, Ph.D., Associate Professor, Harvard Medical School

“Acupuncture therapy and autism” John Zhang, LisAc, Ph.D., Professor of Beijing University of Chinese Medicine, Research scientist at MGH

3:30-3:45: Coffee Break

3:45-5:15: Panel Discussion: Evidence Based Treatment

“Stress and mental flexibility in autism spectrum disorders” William Stone, Ph.D., Assistant Professor/Harvard medical School, Department of Psychiatry/BIDMC

“Evidence based drug therapy for autism” Hon Ho, M.D., M.P.H., Pediatric Psychiatrist; Attending Child, Adolescent, Adult and ECT Psychiatrist and Instructor at Harvard Medical School

“Gut and brain connection, a new look” Williams Wilson, M.D., Attending physician, Beverly Hospital

“Autism and moral development” Michelle Hartley McAndrew, MD, Pediatric Neurology, NY State University



Christopher McDougle, M.D., is Director of Lurie Center for Autism, Professor of Psychiatry and Pediatrics, Massachusetts General Hospital and MassGeneral Hospital for Children; Nancy Lurie Marks Professor in the Field of Autism, Harvard Medical School.

Dr. McDougle received his B.A. degree in chemistry from Valparaiso University in 1981 (with Highest Distinction) and an M.D. from Indiana University School of Medicine in 1986 (with Highest Distinction). He subsequently completed a residency in psychiatry at Yale University School of Medicine (1990) and a fellowship in child and adolescent psychiatry at the Yale Child Study Center (1995). After seven years on the faculty at Yale, Dr. McDougle joined the Indiana University School of Medicine (IUSM) in 1997 as the Raymond E. Houk Professor of Psychiatry and Director of the Section of Child and Adolescent Psychiatry. In September of 2000, Dr. McDougle was named the Albert Eugene Sterne Professor of Psychiatry and Chairman of the Department of Psychiatry at the IUSM. He continued on as Director of the Section of Child and Adolescent Psychiatry, as well. In the fall of 2011, Dr. McDougle became the Director of the Lurie Center for Autism and the Nancy Lurie Marks Professor in the Field of Autism at Harvard Medical School.

Dr. McDougle is an internationally-recognized expert in the neurobiology and neuropsychopharmacology of childhood-onset neuropsychiatric disorders including autistic disorder. His research interests also include the etiology and pathophysiology of mental retardation syndromes.

Dr. McDougle has been awarded two Young Investigator Awards from the National Alliance for Research on Schizophrenia and Depression (NARSAD), an Independent Investigator Award from NARSAD, a grant from the Theodore and Vada Stanley Research Foundation, a Research Unit on Pediatric Psychopharmacology (RUPP) contract, a RUPP-Psychosocial Intervention (PI) grant and additional research grants from the National Institute of Mental Health for the study of autism and related pervasive developmental disorders.

Dr. McDougle was elected to the American College of Neuropsychopharmacology in 1995, and is now a fellow. He was twice chosen as Teacher of the Year by the Yale Psychiatry Residents. In 2002, Dr. McDougle was selected as a recipient of the 12th Annual Nancy C.A. Roeske, M.D. Certificate of Recognition for Excellence in Medical Student Education from the American Psychiatric Association, and in 2007 he was selected as a recipient of the Annual Irma Bland Award for Excellence in Teaching Residents, also by the American Psychiatric Association. Dr. McDougle was awarded the Frank J. Menolascino Award for Psychiatric Services for Persons with Mental Retardation/Developmental Disabilities from the American Psychiatric Association in 2009. In 2003, he was appointed Associate Editor of the Journal of Autism and Developmental Disorders.



Valerie Hu, Ph.D., is Professor of Biochemistry and Molecular Medicine at The George Washington University School of Medicine and Health Sciences as well as a mother of a son with ASD. She redirected her research focus towards autism about 8 years ago and has since published 14 papers on the genes and biological pathways associated with ASD. Dr. Hu received her Ph.D. in Chemistry from Caltech and did her postdoctoral research in Membrane Biochemistry and Immunology at UCLA. More information about her research and papers can be obtained at: <http://www.gwumc.edu/smhs/facultydirectory/profile.cfm?empName=Valerie%20Hu&FacID=2046028605>. A brief video documentary on Dr. Hu's autism research can be accessed on the "Model Me Kids Website".



Martha Herbert, M.D., Ph.D., Dr. Herbert is Assistant professor of neurology at Harvard Medical School and a pediatric neurologist at Massachusetts General Hospital, where she is the director of the TRANSCEND Research Program. She is an affiliate of the Harvard-MGH-MIT-HST Martinos Center for Biomedical Imaging. Dr. Herbert earned her medical degree at the Columbia University College of Physicians and Surgeons. Prior to her medical training she obtained a doctoral degree at the University of California, Santa Cruz, studying evolution and development of learning processes in biology and culture in the History of Consciousness program, and then did postdoctoral work in the philosophy and history of science. She trained in pediatrics at Cornell University Medical Center and in neurology and child neurology at Massachusetts General Hospital, where she has remained. She received the first Cure Autism Now Innovator Award and is on the Scientific Advisory Committee of Autism Speaks.



William Stone, Ph.D., ABPP-CN, Dr. Stone is Director of Neuropsychology Training and Clinical Services, Massachusetts Mental Health Center (MMHC); Director of Neuropsychology Fellowship Program at MMHC and Beth Israel Deaconess Medical Center (BIDMC); Assistant Professor of Psychology, Harvard Medical School, staff clinical psychologist of department of psychiatry, BIDMC. His research is focused on identifying cognitive, clinical and biological risk factors for the development of psychiatric illness. These efforts emphasize attempts to identify liability syndromes for schizophrenia and related disorders. They also aim to develop interventions that will alter or prevent the trajectory to psychosis and other manifestations of major mental illness.



William Wilson, M.D. Dr. William is a board-certified family doctor at Beverly Hospital. His expertise and interest is the interface between foods and brain function. Dr. William graduated from University of Minnesota Medical School in 1974 and has been practice family medicine for nearly 40 years. He used to practice in Northern Minnesota and has long been interested in research on neuroscience. He has discovered a close relationship between Carbs Syndrome and autism. He is also the physician owner of Wilson Institute of Neurobiology, which is dedicated to understanding the connection between common Psychiatric conditions and common co-morbid medical conditions.



David Lee, Ph.D., Dr. Lee is an associate professor at Harvard Medical School and the Director of the Bioorganic and Natural Products Laboratory at McLean Hospital. He completed his Ph.D. degree in Natural Products Chemistry at Columbia University. Dr. Lee has worked on numerous projects in drug discovery and development related to traditional Chinese medicine. He and his team isolated a potent topoisomerase I inhibitor (NPI-BC-4) from *Boswellia caterii*, a traditional medicine used in the treatment of inflammatory diseases in India and China without overt toxicity. A preliminary clinical trial of NPI-BC-4 in Germany showed excellent results in patients with brain tumors. Because of its specific activity against CNS (SP-295) and prostate cancer cell lines (DU-145 and PC-3), NPI-BC-4 is also being developed as a potential non-hormonal therapy for advanced prostate cancer and for early intervention, including benign prostate hyperplasia. Dr. Lee has contributed significantly to the development of alternative therapies for substances abuse. He is the principal investigator on a program project grant funded by the National Institutes of Health entitled “Alternative Therapies for Alcohol and Drug Abuse.” Under this program, several isoflavone glycosides have been identified and assessed in animal models of alcoholism. Because of their favorable toxicity profile in comparison with naltrexone, an FDA approved drug, and their suppression of alcohol drinking in alcohol preferring rats, these isoflavone glycosides stand a good chance of development for the treatment of alcoholism. Dr. Lee is also serving as Co-PI on the development of the herbal remedy (HLXL) for osteoarthritis. Dr. Lee and his colleagues at McLean Hospital are also looking into natural remedies for depression, insomnia, and Alzheimer’s disease. Dr. Lee received an institutional development award in 1985. He has published 100 papers and holds 15 U.S. and international patents. In this presentation, he will speak on the “Potential Treatment of Autism with Traditional Chinese Medicine”.



Louisa Silva, M.D., M.P.H. Dr. Silva has practiced Family Medicine in Oregon for 30 years. She also has degrees in public health and medical acupuncture. For the past 20 years, she has integrated Western and Chinese medicine into her practice. She has also engaged in autism research integrating Western scientific research approaches with Chinese Medical diagnostic and treatment approaches. She has published randomized controlled studies of a dual parent and therapist delivered treatment for young children with autism and is currently the principal investigator on a large Phase-2 effectiveness trial of the methodology funded by the Federal Bureau of Maternal Child Health. In addition, her research has focused on the prevalence, significance, and treatment of the abnormal touch responses in young children with autism.



Helen V. Ratajczak, Ph.D. Dr. Ratajczak has been conducting research on immunology and toxicology since 1967. Her research became focused on autism in 1996 when her three-year-old grandson was diagnosed with the disease. Up to date, Dr. Ratajczak has published more than 80 manuscripts and numerous abstracts for presentations at international and regional conferences. While working for Boehringer Ingelheim Pharmaceuticals, Dr. Ratajczak wrote two drug discovery programs for autism. She was also a Visiting Scientist in 2009-2010 with the Wadsworth Center/NY State Department of Health, where she discussed various aspects of autism. In addition, a proposal by Dr. Ratajczak entitled “Objective Measure of Autism” was authorized by the New England Institutional Review Board in 2011 and is currently funded by Edmond Enterprises, LLC.



Noel Chen, Ph.D., Dr. Chen is the director of scientific collaboration for BGI Americas. He has also served as VP of BGI’s non-profit unit in Americas, BGI Research@Americas. He has helped to set up BGI’s US division, and has been working at BGI Americas to engineer some of the big collaborative genome initiatives, such as autism genome 10K, soybean genome 1.08K, cassava genome 5K. He has over 18 years experience in the biotechnology industry. Before joining BGI, he was employed at Qiagen in the microarray service section served as section chief, from 1998 to 2003 and later at Gene Logic, a leading gene expression analysis company, in the strategic technology development group.



Hon Ho, M.D., M.P.H. Dr. Ho is an Attending Pediatric, Adult, and ECT (electroconvulsive therapy) Psychiatrist at the MassGeneral for Children at North Shore Medical Center. At McLean Hospital, he is an Instructor in Psychiatry at the Harvard Medical School. Dr. Ho was a Fellow Child and Adolescent Psychiatrist at the Johns Hopkins Hospital, after his Psychiatry residency at the University of Colorado. Dr. Ho was honored as a Janssen Resident Psychiatric Research Scholar by the American Psychiatric Institute for Research and Education. His research areas included substance abuse and pathological gambling. Dr. Ho previously did epidemiological research at the Oregon Public Health Department. He earned his M.D. and M.P.H. degrees (Epidemiology and Biostatistics) from the Oregon Health & Science University. Dr. Ho also holds a B.A. in Economics, a B.S. in Biochemistry, and a B.S. in Applied and Computational Mathematical Sciences from the University of Washington.



Bailin Wu, Ph.D., M. Med., FACMG. Dr. Wu is Director of Genetic lab, Children Hospital of Boston, and Assistant Professor of Harvard Medical School. He is board certified in Clinical Molecular Genetics. Dr. Wu took global initiatives and lead a collaborative effort between his lab at Harvard and his collaborators in Fudan University at Shanghai. The goal is to define about 300 CNVs through whole genome approach for ASD diagnostics.

Dr. John Zhang, has over 20 years of teaching, practicing and researching Chinese Medicine. He is a professor of Beijing University of Chinese Medicine, editor of Chinese Journal of Integrative Medicine (English & Chinese edition) and fellow/acupuncturist at Mass General Hospital, HMS (including 10 years full time).



Organizing Committee

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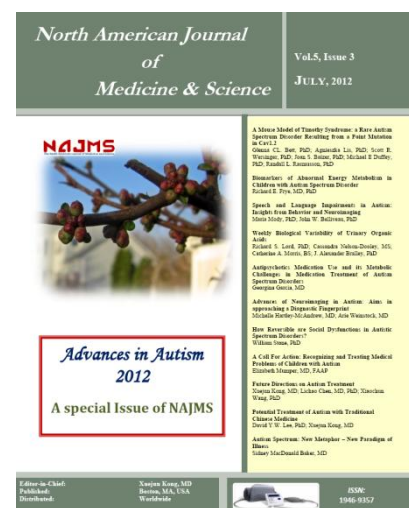


NAJMS Autism special issue #3 of July, 2013 is on its way!

-find out the newest advances in Autism

-available online July 25th, 2013 and the print at meeting

- visit www.najms.net



North American Journal of Medicine & Science (NAJMS) is a peer reviewed, medical professional journal, founded in October 2008, and collected by the Library of Congress of USA, ISSN 1946-9357 (print), 1944-9357(online). The journal is devoted to the dissemination of timely and significant observations in the diverse fields of modern medicine and provides worldwide physicians, medical scientists and healthcare professionals with a platform to present their scientific findings and experiences on a variety of medical topics with a focus on the healthcare disparities in minority populations, controversies in multidisciplinary areas, and complimentary/alternative medicine. Please visit www.najms.net and submit your original research, review article, case report, brief communication and commentary to editor@acmes.net . We look forward to working with you. **This upcoming autism special issue #3 include 10 top peer review scientific articles by some top autism experts Drs. Martha Hebert, Richard Frye, Valerie Hu, Elizabeth Mumper, Louisa M.T. Silva, Michelle Hartley-McAndrew, Helen V. Ratajczak, Kathy Doody, William Stone, William Wilson, it's a must see!**