

APSARD 2016 ANNUAL MEETING

***ADHD & RELATED DISORDERS:
RESEARCH TO CLINICAL PRACTICE***

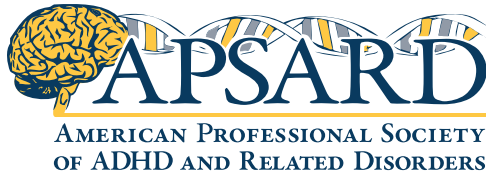


**AMERICAN PROFESSIONAL SOCIETY
OF ADHD AND RELATED DISORDERS**



JANUARY 15-17, 2016
MANDARIN ORIENTAL
WASHINGTON, D.C.

PROGRAM BOOK



Dear APSARD Annual Meeting Attendee:

Welcome to the 2016 Meeting of the American Professional Society of ADHD and Related Disorders. This year's theme, "*ADHD and Related Disorders: Research to Clinical Practice*," was chosen to underscore the broad scope of difficulties that patients with ADHD encounter, and to demonstrate how recent advances in basic, translational and clinical science can better inform clinical practice and future research. Our program committee has assembled an impressive array of presenters on a wide range of important topics including comorbidities (bipolar disorder, substance abuse and related syndromes) genetics, morbidity and mortality, working memory, developmental trajectories, and interventions (pharmacotherapy, family therapy, primary care, lifestyle modifications). We are especially pleased to be hosting guided tours during our poster sessions on Friday at the reception and Saturday at lunch, so there should be plenty of time for networking and socializing throughout the meeting. Enjoy the conference and take advantage of the rich and varied cultural offerings of Washington, D.C.!

A handwritten signature in black ink, which appears to read 'Anthony Rostain'.

Anthony Rostain, M.D., MA
APSARD President



Welcome to the APSARD Annual Meeting

On behalf of the APSARD Annual Meeting Program Committee, we are delighted to welcome you to the APSARD Annual Meeting.

The conference will feature nationally and internationally renowned ADHD faculty who will share with participants recent research findings relevant to clinical practice.

• 2016 Program Highlights

- Friday, January 15
 - Opening Plenary, “*ADHD and Risk for Bipolar Disorder: Integrating Findings from Research in Children and Adults*”
 - Welcome Reception with Poster Presentations – Including a Poster Tour with Faculty
- Saturday, January 16
 - Breakfast for Travel Awardees
 - President’s Summary
 - Keynote Plenary Session, “*Morbidity, Mortality and Functional Impact of ADHD: Findings From Danish National Registers*”
 - Symposia Sessions and Workshops
 - Poster Presentations at lunch – Including a Poster Tour with Faculty
 - Reception: with Faculty and Attendees
- Sunday, January 17
 - APSARD Business Meeting
 - Keynote Plenary Session, “*New Findings On the Genetics and Basic Science of ADHD*”
 - Symposium Session and Workshop
 - Lunch Discussion: ADHD in Older Adults
 - Ask the Experts Sessions: “*Lifestyle Modifications and Psychosocial Treatment*” and “*Pharmacotherapy: Monotherapy and Combined Medication Treatments*”

• Organization

- The meeting is sponsored by the American Society for ADHD and Related Disorders (APSARD).
 - The Program Committee evaluates submitted proposals, develops program innovations, and invites speakers.
- Parthenon Management Group organizes the APSARD Annual Meeting.

The APSARD Annual Meeting is an opportunity for education and networking. We welcome your suggestions to make the event even better. Seek us out during the meeting or provide your views by completing the evaluation form online at the end of the meeting.

Most importantly, please join us and become a member if you are not already!

Best Regards,



Jeffrey Newcorn, M.D.
Icahn School of Medicine at Mount Sinai

NOTES

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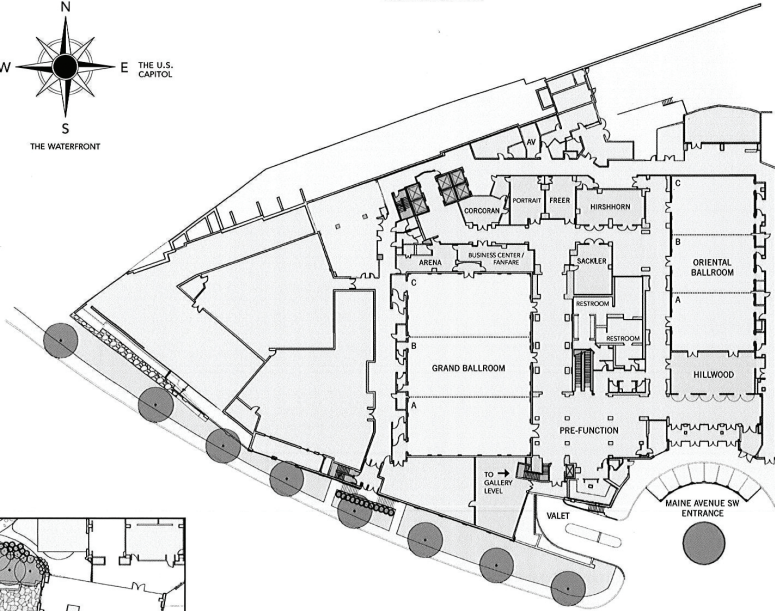
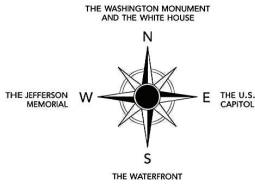
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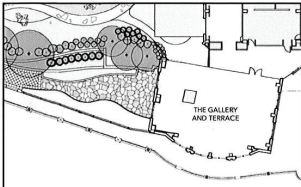
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**Disclosures for all APSARD presenters can be
viewed at www.APSARD.org**

MEETING SPACE MAP



BALLROOM LEVEL FLOOR PLAN



GALLERY LEVEL FLOOR PLAN

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

AWARD WINNERS & FEATURED SPEAKERS

Recipient of the Best Paper in the *Journal of Attention Disorders Award*



Frank P. MacMaster, Ph.D.

Departments of Psychiatry and Pediatrics,
University of Calgary,
Behavioral Research Unit, Alberta Children's
Hospital

Best Paper: *Cortical Thickness in Young Treatment Naïve Children with ADHD*

Xiao-Ru Yang¹, Normand Carrey², Denise Bernier², Frank P. MacMaster¹

¹University of Calgary, Alberta, Canada; ²Dalhousie University, Halifax,
Nova Scotia, Canada

Frank MacMaster is an Assistant Professor at the University of Calgary in the Departments of Psychiatry and Paediatrics. He is the inaugural holder of the Cuthbertson and Fischer Chair in Paediatric Mental Health. He is also the Scientific Director for the Addictions and Mental Health Strategic Clinical Network for the province of Alberta.

He received his Bachelors in Psychology for Saint Mary's University, completed graduate work at Dalhousie University in neurobiology, and a postdoctoral fellowship in brain imaging in child psychiatry at Wayne State University. Dr. MacMaster has received the NARSAD Young Investigator Award, the New Investigator Award from NIMH (New Clinical Drug Evaluation Unit), among other honors.

He has over 60 peer-reviewed papers, and has been cited over 2500 times (H-index of 27). His work is focused on using neuroimaging methods to better understand the underlying neurobiology and impact of novel interventions like neurostimulation in child and adolescent mental health.

AWARD WINNERS & FEATURED SPEAKERS

Travel Grant Awardees

Lisa Adler, M.D.

George Washington University

Adam Bied, M.D.

SUNY Upstate Hospital

Larry Mitnaul, M.D., MPH, MS

Dartmouth-Hitchcock Medical
Center

Bernard Mulvey

Washington University in St. Louis
School of Medicine

Gregory Sayer, M.D.

CHONY / New York Presbyterian
Columbia and Cornell Universities

Nataly Sumarriva, M.D.

Vanderbilt University Medical
Center

Michael Vitulano, MA

Seattle Children's Hospital

Allison Young, M.D.

NYU School of Medicine

AWARD WINNERS & FEATURED SPEAKERS

Featured Speakers



Friday, January 15, 2016 from 5:30 pm – 7:00 pm
ADHD and Risk for Bipolar Disorder: Integrating Findings from Research in Children and Adults

Joseph Biederman, M.D.

Massachusetts General Hospital & Harvard Medical School

Dr. Biederman is Chief of the Clinical and Research Programs in Pediatric Psychopharmacology and Adult ADHD at the Massachusetts General Hospital and Professor of Psychiatry at the Harvard Medical School. Dr. Biederman is Board Certified in General and Child Psychiatry. He has been the recipient of the American Psychiatric Association Blanche Ittelson Award for Excellence in Child Psychiatric Research, the American Academy of Child and Adolescent Psychiatry Charlotte Norbert Rieger Award for Scientific Achievement. He has been inducted into the CHADD Hall of Fame. Dr. Biederman has also been selected every year since its inception into the “The Best Doctors in America” compilation of the best physicians in the country.

In 2000, Dr. Biederman pioneered and established a Stanley Foundation Center at the Massachusetts General Hospital dedicated to the treatment of pediatric bipolar disorder. Dr. Biederman was the recipient of the 1998 NAMI Exemplary Psychiatrist award. He was also the recipient of the 2002 NARSAD Senior Investigator award. Since 2002 Dr. Biederman has been Associate Editor and from 2005-2006, Deputy Editor for *Child Psychiatry in Biological Psychiatry*, ranked as the third most impactful scientific journal in Psychiatry. In 2005, Dr. Biederman was appointed Chair of the section on ADHD at the World Psychiatric Association. He was also recently selected by the Massachusetts Psychiatric Society Awards committee as the recipient of the 2007 Outstanding Psychiatrist Award for Research. In 2007, Dr. Biederman received the Excellence in Research Award from the New England Council of Child and Adolescent Psychiatry. He was also awarded the Mentorship Award from the Department of Psychiatry at the Massachusetts General Hospital in September. In 2008, the American Society for Adolescent Psychiatry awarded him the William A. Schonfeld Award for outstanding achievement, excellence and dedication throughout his career in psychiatry.

AWARD WINNERS & FEATURED SPEAKERS



Friday, January 15, 2016 from 5:30 pm – 7:00 pm
ADHD and Risk for Bipolar Disorder: Integrating Findings from Research in Children and Adults

Andrew A. Nierenberg, M.D.
Massachusetts General Hospital

Dr. Nierenberg is the Thomas P. Hackett, MD, Endowed Chair in Psychiatry, Director of the Bipolar Research Program, and Associate Director of the Depression Clinical and Research Program, Massachusetts General Hospital (MGH). He is also the Director of Training and Education for the MGH Research Institute. His academic appointment is Professor of Psychiatry at Harvard Medical School. Dr. Nierenberg attended the Albert Einstein College of Medicine of Yeshiva University followed by a residency in psychiatry at New York University/Bellevue Hospital and then became a Robert Wood Johnson Clinical Scholar at Yale University. Dr. Nierenberg then ran one of the Affective Disorders Inpatient and Outpatient Units at McLean Hospital in Belmont, MA. In 1992, he joined the Psychiatry Department at MGH.

He has published over 400 papers and has been listed among the Best Doctors in North America for the treatment of mood and anxiety disorders continuously since 1994. He has received the National Depression and Manic Depression Association (NDMDA) Gerald L. Klerman Young Investigator Award and the Brain and Behavior Foundation Colvin Prize for outstanding achievement in mood disorders research. Dr. Nierenberg was listed among the World's Most Influential Scientific Minds 2014 by Thompson Reuters for being in the top 1% of literature citations in psychiatry or psychology worldwide. In 2015, he received the Mentorship Award for exceptional mentorship in the research arena at MGH and the Gerald L. Klerman Depression Bipolar Support Alliance Senior Investigator Award.

Dr. Nierenberg has directed the NIMH Bipolar Trials Network, was principal investigator for the multi-site Lithium Moderate Dose Study on the comparative effectiveness of lithium with other medications, Bipolar CHOICE that compared lithium and quetiapine, and the Mood Patient Powered Research Network (www.moodnetwork.org) that will gather together 50,000 patients for prospective comparative effectiveness studies. His primary interests are treatment resistant depression, bipolar depression, and the longitudinal course of mood disorders. Dr. Nierenberg lectures nationally and internationally, teaches and supervises clinicians and researchers, maintains an active clinical practice, conducts clinical trials, and is on the editorial boards of multiple psychiatric journals.

AWARD WINNERS & FEATURED SPEAKERS



Saturday, January 16, 2016 from 8:30 am – 9:30 am

Impact of ADHD: Integrating Findings from Danish National Registers

Søren Dalsgaard, M.D.

Aarhus University, Center for Register-based Research

Dr. Søren Dalsgaard is a Child and Adolescent Psychiatrist, Ph.D. and Research Manager. Since 2013, an Associate Professor and Senior Researcher at The National Center for Register-based Research at Aarhus University, Denmark and the Clinical Director of an outpatient clinic at Department of Child and Adolescent Psychiatry, Hospital of Telemark in Norway; and since 2009, a visiting Associate Professor of Psychiatry at University of Southern Denmark. He was the founding Director of the Regional ADHD Center for ADHD, coordinating treatment programs across sectors and guiding health professionals working in Municipalities, Social, Forensic, Substance Use and Psychiatric Services.

Dr. Dalsgaard has acted as a scientific and governmental advisor for The Danish Health and Medicines Authority, The Danish Psychiatric Association, The Danish Association for Child, The Ministry of the Interior and Social Affairs, The Danish National Board of Health and The Norwegian Department of Health, on national guidelines for ADHD and regulations on the use of ADHD-medication in Denmark and has supervised governmental national research programs in ADHD.

Within the Danish research program iPsych, the world's largest cross-disorder gene-environment study of five psychiatric conditions, Dr. Dalsgaard is the lead investigator on ADHD and is in addition the principal investigator of multisite studies, has received several grants and was appointed Researcher of the Month by the largest Regional Health Authority in Norway in December 2015.

In his epidemiological research, Dr. Dalsgaard has focused mainly on long-term outcome, gender differences and effects of pharmacological treatment in ADHD. He has published over 50 scientific papers, some in high-impact journals such as *British Journal of Psychiatry*, *American Journal of Psychiatry*, *The Lancet Psychiatry* and *The Lancet*.

AWARD WINNERS & FEATURED SPEAKERS



Sunday, January 17, 2016 from 8:15 am – 9:45 am
New Findings on the Genetics and Basic Science of ADHD

Steve Faraone, Ph.D.

SUNY Upstate Medical University

Stephen Faraone, Ph.D., is a Distinguished Professor in the Departments of Psychiatry and Neuroscience & Physiology at SUNY Upstate Medical University and Director of Medical Genetics Research for the University. He is also Senior Scientific Advisor to the Research Program Pediatric Psychopharmacology at the Massachusetts General Hospital and a lecturer at Harvard Medical School. Prof. Faraone is Chair of the ADHD Subgroup of the Psychiatric Genomics Consortium (PGC) and is a founding member of the PGC Coordinating Committee. He is also Editor of Neuropsychiatric Genetics. An author on over 800 journal articles, editorials, chapters and books, he was the eighth highest producer of High Impact Papers in Psychiatry from 1990 to 1999 as determined by the Institute for Scientific Information (ISI, Science, 2000, Vol 288, pg 959). In 2005, ISI determined him to be the second highest cited author in the area of Attention Deficit Hyperactivity Disorder (<http://www.esi-topics.com/add/interviews/StephenFaraone.html>) and in 2013, he was the third most highly cited researcher in psychiatry and psychology (<http://academic.research.microsoft.com/>). His 2014 lifetime H-Index was 158.

AWARD WINNERS & FEATURED SPEAKERS



Sunday, January 17, 2016 from 8:15 am – 9:45 am
New Findings on the Genetics and Basic Science of ADHD

Pradeep Bhide, Ph.D.

Center for Brain Repair, Florida State University
College of Medicine

Dr. Bhide is Eminent Scholar, Professor and Director of the Center for Brain Repair at Florida State University College of Medicine. He received his degree in Veterinary Medicine from Veterinary College, Bangalore, India, and a PhD in Neuroscience from the University of Aberdeen, Scotland. He obtained postdoctoral research training at University College London, England, Yale University, New Haven, CT, Massachusetts General Hospital, Boston, MA and Harvard Medical School, Boston, MA. Dr. Bhide was Associate Professor of Neurology at Harvard Medical School and Vice Chair for Neurology Research at Massachusetts General Hospital, in Boston until 2011, when he accepted his current position at FSU. Dr. Bhide is senior editor of the journal *Developmental Neuroscience*. He has served on various committees for a number of scientific organizations including the US National Institutes of Health, Veterans Administration, Autism Speaks and National Parkinson's Foundation.

Dr. Bhide's research is in the fields of developmental neurobiology and neurobiology of disease. The principal focus is on the role of the neurotransmitter dopamine in brain development. Since dopamine regulates mood, motivation and motor function, Dr. Bhide's research program has significant bearing upon multiple neuro-psychiatric disorders including attention deficit hyperactivity disorder, early onset dystonia and cognitive dysfunction arising from fetal exposure to drugs of abuse.

NOTES

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ACKNOWLEDGEMENTS

Program Committee Members

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Frances Levin, M.D.
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Center

Luis Rohde, M.D.
Federal University of Rio Grande
Do Sul

Tom Spencer, M.D.
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SUNY Upstate Medical University

ACKNOWLEDGEMENTS

APSARD Officers and Board (continued)

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ADHD Coach Academy

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Journal of Attention Disorders

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Children and Women's Health
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MEETING ANNOUNCEMENTS

Meeting Services

Registration Desk Hours:

Friday, January 15 3:00 pm – 7:00 pm

Saturday, January 16 7:00 am – 6:30 pm

Sunday, January 17 7:00 am – 3:00 pm

*The registration/meeting information desk is located in the Grand Ballroom Foyer.

The APSARD Speaker Ready Room is open on the below dates and times for presenters to upload slides. The meeting organizers ask that all speakers upload their slides 24 hours prior to their scheduled presentation time.

The Speaker Ready Room is located in the Portrait Meeting Room, Ballroom Level.

Friday, January 15 1:00 pm – 6:00 pm

Saturday, January 16 7:00 am – 5:00 pm

Sunday, January 17 7:00 am – 2:00 pm

Americans with Disabilities Act - It is the policy of APSARD not to discriminate against any person on the basis of disabilities. If you feel you need services or auxiliary aids mentioned in this act in order to fully participate in this continuing education activity, please call the Executive Office at 615-649-3083 or send an email to info@apsard.org.

APSARD Mobile App – The APSARD mobile app is now available in the app store for iPhones and in Google Play for Androids. Search APSARD2016 and download today! View the latest schedule, attendee list and abstracts!

MEETING ANNOUNCEMENTS

Continuing Education Credits

Continuing Education Credits are available for physicians, psychologists and nurses. Applications for credit must be completed online with the meeting evaluation survey. The survey may be completed after the conference at www.APSARDMeeting.org. ***Surveys for continuing education credit must be submitted no later than February 8, 2016.***

Disclosures

Disclosures are available for all APSARD Annual Meeting presenters online at www.APSARD.org/meeting/program. It is the policy of the APSARD to require disclosure of financial relationships from individuals in a position to control the content of a CME activity; to identify and resolve conflicts of interest related to those relationships; and to make disclosure information available to the audience prior to the CME activity. Presenters are required to disclose discussions of unlabeled/unapproved uses of drugs or devices during their presentations.

Accreditation Statements



PHYSICIAN: This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of USF Health and APSARD. USF Health is accredited by the ACCME to provide continuing medical education for physicians.

USF Health designates this live activity for a maximum of 14 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PSYCHOLOGISTS: USF Health is approved by the American Psychological Association to sponsor continuing education for psychologists. USF Health maintains responsibility for this program and its content. This activity is approved for 14 CE credits. To receive APA credit, the entire conference must be attended – NO partial credit will be given. The level of learning is introductory.

MEETING ANNOUNCEMENTS

NURSES ANCC: USF Health is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

A maximum of 14 contact hours may be earned by learners who successfully complete this continuing nursing education activity.

USF Health adheres to ACCME Standards regarding commercial support of continuing medical education. It is the policy of USF Health that the faculty and planning committee disclose real or apparent conflicts of interest relating to the topics of this educational activity, that relevant conflict(s) of interest are resolved and also that speakers will disclose any unlabeled/unapproved use of drug(s) or device(s) during their presentation. Detailed disclosure will be made in the course syllabus.

Disclaimer

The information provided at this CME/CE activity is for continuing education purposes only and is not meant to substitute for the independent medical/clinical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

USF Health Office of Continuing Professional Development reserves the right to cancel this activity due to unforeseen circumstances, in which the full registration fee will be refunded. USF Health is not responsible for travel expenses incurred by the participants in the unlikely event that this activity is cancelled. USF is an Equal Opportunity / Affirmative Action / Equal Access Institution. For disability accommodations contact CPDSUPPORT@health.usf.edu (813-224-7860), within five days of the event.

All participants who request continuing education credits by February 8, 2016, should expect to receive their statement of credits via email in March.

The Meeting Evaluation Survey will be available at www.APSARD.org. We encourage all registrants to complete the evaluation. Attendees requesting CME or CE credits must complete the survey in order to obtain credits. Your candid input on the 2016 meeting is appreciated as we strive to improve the meeting each year.

MEETING ANNOUNCEMENTS

APSARD would like to acknowledge the generosity of the following companies whose unrestricted educational grants have contributed to the overall quality of this meeting:

**Pfizer
Shire
Sunovion**

APSARD Society Support

APSARD would like to thank the following sponsors for their generous donations to the Society:

Silver Sponsor:



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Exhibitors

Please visit the exhibitors in the Grand Ballroom Foyers during the meeting.

- Arbor Pharmaceuticals
- NEBA Health
- Rhodes Pharmaceuticals
- Shire Pharmaceuticals
- The TOVA Company
- Vaya Pharmaceuticals

SCHEDULE AT A GLANCE

FRIDAY, JANUARY 15, 2016

3:00pm – 7:00pm	Registration Open Grand Ballroom Foyer
3:00pm – 4:30pm	APSARD Board Meeting (Invitation Only) Hillwood
5:30pm – 7:00pm	Welcome/Opening Plenary: <i>ADHD and Risk for Bipolar Disorder: Integrating Findings from Research in Children and Adults</i> Grand Ballroom BC
7:00pm – 8:30pm	Reception and Poster Presentations Oriental Ballroom and Foyer

NOTES

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FULL SCHEDULE

FRIDAY, JANUARY 15, 2016

3:00pm – 7:00pm **Registration Open**
Grand Ballroom Foyer

3:00pm – 4:30pm **APSARD Board Meeting (Invitation Only)**
Hillwood

5:30pm – 7:00pm **Welcome, Opening Plenary: ADHD and Risk
for Bipolar Disorder: Integrating Findings from
Research in Children and Adults**
Grand Ballroom BC

Chair: Lenard Adler, NYU School of Medicine

Can ADHD be Distinguished from Pediatric Bipolar Disorder
Joseph Biederman, Massachusetts General Hospital

*More than the sum of its parts: Implications of Comorbid and Reverse
Comorbid Bipolar Disorder and ADHD*
Andrew Nierenberg, Massachusetts General Hospital

The overlap between bipolar disorder and attention deficit hyperactivity disorder (ADHD) has been an area of controversy in clinical care, research and in our diagnostic lexicon. The two disorders are highly co-morbid, sharing similar symptoms, familiarity and impairments and have some overlap in proposed neurobiology. The issues with executive dysfunction, emotional control, impulsivity, irritability are highly prominent in both disorders, creating confusion when one or both disorders may exist and whether the disorders represent differing ends of a spectrum and/or distinct clinical entities. This session will review the neurobiology, symptomatology and diagnostic nosology of bipolar disorder and ADHD in both children and adults and provide some clarity to this critical area of co-morbidity.

7:00pm – 8:30pm **Reception and Poster Presentations, Including
a Poster Tour with the Faculty**
Oriental Ballroom and Foyer
****See Pages 39 through 49 for poster listing.***
Poster tour listing on page 50.

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SCHEDULE AT A GLANCE

SATURDAY, JANUARY 16, 2016

- 7:00am – 6:30pm **Registration Open**
Grand Ballroom Foyer
- 7:00am – 8:00am **Travel Awardee Meet & Greet Breakfast
(Invitation Only)**
Freer
- 8:00am – 8:30am **President's Summary: *APSARD – Past, Present
and Future***
Grand Ballroom BC
- 8:30am – 9:30am **Keynote Session: *Morbidity, Mortality and
Functional Impact of ADHD: Findings from
Danish National Registers***
Grand Ballroom BC
- 9:30am – 9:45am **Break**
Ballroom Foyer
- 9:45am – 11:45am **Symposia Sessions**

ADHD and Substance Abuse: New Perspectives on Neurodevelopmental Risk and Treatment	ADHD More or Less: Understanding Boundaries with Related Syndromes
Location: Grand Ballroom BC	Location: Grand Ballroom A

- 11:45am – 1:15pm **Poster Session with Lunch and Poster Tours**
Oriental Ballroom

- 1:15pm – 3:15pm **Symposia Sessions**

Lifestyle Modifications and ADHD: Understanding the Scientific Basis and Potential Treatment Implications	Re-examining the Developmental Trajectory of ADHD: New Findings from Longitudinal Studies
Location: Grand Ballroom BC	Location: Grand Ballroom A

SCHEDULE AT A GLANCE

3:15pm – 3:30pm

Break

Ballroom Foyer

3:30pm – 5:30pm

Symposia and Workshop Sessions

Beyond DSM-5: Impulsivity, Mood Dysregulation, Executive Dysfunction and their Consequences	Addressing Parental Psychopathology in Psychosocial Treatment of Youth with ADHD
Location: Grand Ballroom BC	Location: Grand Ballroom A

5:30pm – 7:00pm

Poster Viewing and Reception

Oriental Ballroom

FULL SCHEDULE

SATURDAY, JANUARY 16, 2016

7:00am – 6:00pm **Registration Open**
Grand Ballroom Foyer

7:00am – 8:00am **Travel Awardee Meet & Greet Breakfast**
(Invitation Only)
Freer

8:00am – 8:30am **President's Summary: APSARD – Past, Present and Future**
Grand Ballroom BC

Anthony Rostain, University of Pennsylvania, Perelman School of Medicine

8:30am – 9:30am **Keynote Session: Morbidity, Mortality and Functional Impact of ADHD: Findings from Danish National Registers**
Grand Ballroom BC

Søren Dalsgaard, Aarhus University, National Centre for Register-based Research

ADHD is among the most common neurodevelopmental disorders with childhood onset. The majority of children with ADHD continue to experience impairments throughout adult life due to the core symptoms of inattention, hyperactivity and impulsivity. In addition, ADHD is associated with several adverse outcomes, including an increased risk of premature death as we recently documented in a paper published in *The Lancet*.

This talk will focus on results from prospective follow-up studies using Danish National Registers, which have examined the risk of injuries, health service use, substance use disorder, psychotic disorders, criminality and premature death in individuals with ADHD, compared to controls. Comorbid oppositional defiant disorder/conduct disorder is known to affect the risk of these adverse outcomes, and an overview of the literature on this is provided and it is discussed whether there is evidence for adverse effects of ADHD itself beyond the effect of these comorbidities. Finally, some of our observational studies have addressed the effects of pharmacological treatment on the risk of adverse outcomes.

FULL SCHEDULE

9:30am – 9:45am **Break**
Ballroom Foyer

Concurrent Symposia Sessions

9:45am – 11:45am **ADHD and Substance Abuse: New Perspectives on Neurodevelopmental Risk and Treatment**
Grand Ballroom BC

Chair: Frances Levin, Columbia University Medical Center

9:45am – 9:55am **Introduction**

9:55am – 10:15am **ADHD and Risk of SUD: Developmental Considerations, Potential Pathways, and Opportunities for Research**
 Brooke Molina, University of Pittsburgh

10:15am – 10:35am **Incentive-motivational Signatures of Drug Abuse Risk: Insights from Neuroimaging**
 James Bjork, Virginia Commonwealth University

10:35am – 10:55am **Impulsivity and Trajectories for SUD Development: New Findings from Prospective Imaging Studies**
 Hugh Garavan, Trinity College / University of Vermont

10:55am – 11:15am **Treatment of ADHD and SUD: What Does the Literature Tell Us?**
 Frances Levin, Columbia University Medical Center

11:15am – 11:45am **Discussion**

FULL SCHEDULE

9:45am – 11:45am **ADHD More or Less: Understanding Boundaries with Related Syndromes**
Grand Ballroom A

Chair: Mark Stein, Seattle Children's Hospital / University of Washington

9:45am – 9:55am **Introduction**

9:55am – 10:15am **Sluggish Cognitive Tempo in 2016: What We've Learned so Far**
 Keith McBurnett, University of California, San Francisco

10:15am – 10:35am **What is Dysregulated in Disruptive Mood Dysregulation Disorder?**
 Steve Pliszka, UT Health Science Center at San Antonio

10:35am – 10:55am **Moving to Improve Behavioral Control in ADHD**
 Stewart Mostofsky, Kennedy Krieger Institute

10:55am – 11:15am **Neuropsychological Phenotype(s) of ADHD: Developmental Models, Sexual Dimorphism, and Comorbid Conditions**
 Mark Mahone, Kennedy Krieger Institute

11:15am – 11:45am **Discussion**

11:45am – 1:15pm **Lunch and Poster Session, Including a Poster Tour with the Faculty**
Oriental Ballroom
**See Pages 39 through 49 for poster listing. Poster tour listing on page 50.*

FULL SCHEDULE

Concurrent Symposia Sessions

1:15pm – 3:15pm	Lifestyle Modifications and ADHD: Understanding the Scientific Basis and Potential Treatment Implications <i>Grand Ballroom BC</i>
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Chair: Anthony Rostain, University of Pennsylvania, Perelman School of Medicine

1:15pm – 1:25pm **Introduction**

1:25pm – 1:45pm **Using Physical Activity to Manage ADHD
Symptoms in Young Children: What Do We
Know?**

Betsy Hoza, University of Vermont

1:45pm – 2:05pm **“Brain Training” and Computer Strategies
Modify ADHD Symptoms**

Julie Schweitzer, University of California, Davis

2:05pm – 2:25pm **Mindfulness Meditation Training for ADHD:
An Overview of Treatment Rationale and
Evidence-base?**

John Mitchell, Duke University Medical Center

2:25pm – 2:45pm **Can We Alter Trajectories to Improve Long-
term Outcomes in ADHD?**

Jeff Halperin, Queens College

2:45pm – 3:15pm **Discussion**

FULL SCHEDULE

1:15pm – 3:15pm **Re-examining the Developmental Trajectory of ADHD: New Findings from Longitudinal Studies**
Grand Ballroom A

Chair: Luis Rohde, Federal University of Rio Grande do Sul

1:15pm – 1:25pm **Introduction**

1:25pm – 1:45pm **ADHD in the MTA 16-year-follow-up: Effects of Medication, Maturation and Source**
Jim Swanson, University of California - Irvine, UCI Child Development Center

1:45pm – 2:05pm **Findings from the MGH on Late-onset ADHD**
Steve Faraone, SUNY Upstate Medical University

2:05pm – 2:25pm **Longitudinal Outcomes in ADHD: Stability and Change**
Phil Asherson, Kings College London

2:25pm – 2:45pm **ADHD does not always begin in Childhood: Evidence from a Large Birth Cohort**
Luis Rohde, Federal University of Rio Grande do Sul

2:45pm – 3:15pm **Discussion**

3:00pm – 3:30pm **Break**
Ballroom Foyer

FULL SCHEDULE

Symposia Session and Workshop

3:30pm – 5:30pm **Beyond DSM-5: Impulsivity, Mood Dysregulation, Executive Dysfunction and their Consequences**
Grand Ballroom BC

Chair: Lenard Adler, NYU School of Medicine

Discussant: Jeffrey Newcorn, Icahn School of Medicine at Mount Sinai

3:30pm – 3:40pm **Introduction**

3:40pm – 4:10pm **Beyond DSM-5: What They Got Right and Wrong: Impulsivity, Mood Dysregulation, Executive Dysfunction and their Consequences**
 Ron Kessler, Harvard Medical School

4:10pm – 4:40pm **What is ‘Dysregulated’ about ‘Mood’ among Kids with ADHD and What can we do about it?**
 Joseph Blader, University of Texas Health Science Center at San Antonio

4:40pm – 5:10pm **Update on Emotional Dysregulation in Adult ADHD**
 Fred Reimherr, University of Utah

5:10pm – 5:30pm **Discussion**

3:30pm – 5:30pm **Addressing Parental Psychopathology in Psychosocial Treatment of Youth with ADHD**
Grand Ballroom A

Andrea Chronis-Tuscano, University of Maryland
 Christina Danko, University of Maryland

5:30pm – 7:00pm **Poster Viewing and Reception**
Oriental Ballroom

SCHEDULE AT A GLANCE

SUNDAY, JANUARY 17, 2016

Sunday,
January 17, 2016

7:00am – 3:00pm **Registration Open**
Grand Ballroom Foyer

8:00am – 8:15am **Business Meeting**
Grand Ballroom BC

8:15am – 9:45am **Plenary Session: *New Findings On the Genetics and Basic Science of ADHD***
Grand Ballroom BC

9:45am – 10:00am **Break**
Ballroom Foyer

10:00am – 12:00pm **Symposia Session and Workshop**

Symposia: New Investigations on the Relationship Between Working Memory and ADHD: Implications for Clinical Care	Workshop: ADHD in Pediatric Primary Care: Tips, Tools, and Innovative Practice Models
Location: Grand Ballroom BC	Location: Grand Ballroom A

12:15pm – 1:30pm **Poster Viewing and Lunch**
Oriental Ballroom

12:15pm – 1:30pm **Special Lunch Session: Beyond the Empirical Data Base: Assessment and Treatment of ADHD in Older Adults**
Grand Ballroom A

1:30pm – 2:30pm **Ask the Experts Sessions**

Lifestyle Modifications and Psychosocial Treatment	Pharmacotherapy: Monotherapy and Combined Medication Treatments
Location: Grand Ballroom BC	Location: Grand Ballroom A

2:30pm **Meeting Adjourns**

NOTES

FULL SCHEDULE

SUNDAY, JANUARY 17, 2016

7:00am – 3:00pm **Registration Open**
Grand Ballroom Foyer

8:00am – 8:15am **Business Meeting (All APSARD Members are invited.)**
Grand Ballroom BC

8:15am – 9:45am **Plenary Session: New Findings on the Genetics and Basic Science of ADHD**
Grand Ballroom BC

Chair: Jeffrey Newcorn, Icahn School of Medicine at Mount Sinai

Breakthroughs in Understanding the Genetics of ADHD
Steve Faraone, SUNY Upstate Medical University

Novel Insights into the Neurobiology of ADHD: From Mechanisms, Molecules to Models
Pradeep Bhidé, Center for Brain Repair / Florida State University

ADHD is a heterogeneous neurodevelopmental disorder that can present in different ways across the lifespan. Although the disorder is highly heritable, initially promising findings regarding the genetic basis of the disorder have proven to be limited. Likewise, although there have been several established animal models linked to underlying neurobiology of attention and behavioral regulation, these have not led to breakthroughs in understanding the disorder.

The two presentations in this symposium will present new, ground-breaking research in the neurobiology and genetics of ADHD, including the latest information from genetic and animal studies. The information presented herein underscores the important opportunities we currently have to advance our understanding of the neurobiological basis of ADHD, and develop targeted treatments for specific underlying causes and phenotypic presentations.

9:45am – 10:00am **Break**
Ballroom Foyer

FULL SCHEDULE

Symposia Sessions

10:00am – 12:00pm	New Investigations on the Relationship between Working Memory and ADHD: Implications for Clinical Care <i>Grand Ballroom BC</i>
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Chair: Joseph Biederman, Massachusetts General Hospital

10:00am – 10:10am	Introduction
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10:10am – 10:30am	Neurobiological Evidence for a Separation between Working Memory and ADHD Joseph Biederman, Massachusetts General Hospital
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10:30am – 10:50am	Evidence of a Pharmacological Dissociation Between the Robust Effects of Methylphenidate on ADHD Symptoms and Weaker Effects on Working Memory Thomas Spencer, Massachusetts General Hospital
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10:50am – 11:10am	Clinical Correlates of Working Memory Deficits in Youth With and Without ADHD Ronna Fried, Massachusetts General Hospital & Harvard Medical School
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11:10am – 11:30am	Insights into Neurobiological Mechanisms of Working Memory from Animal Models of ADHD Pradeep Bhide, Center for Brain Repair / Florida State University
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11:30am – 12:00pm	Discussion
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FULL SCHEDULE

10:00am – 12:00pm **Workshop: ADHD in Pediatric Primary Care: Tips, Tools, and Innovative Practice Models**
Grand Ballroom A

Chair: Tanya Froehlich, Cincinnati Children's Hospital Medical Center

10:00am – 11:00am **ADHD and Comorbidities in Primary Care: Diagnosis and Treatment**
 Andrea Spencer, Massachusetts General Hospital

11:00am – 11:30am **ADHD Group Visits for Pediatric Clinics: A New Way to Engage Families in Chronic Care**
 Nerissa Bauer, Indiana University School of Medicine

11:30am – 12:00pm Discussion

12:00pm – 1:30pm **Poster Session with Lunch**
Oriental Ballroom
**See Pages 39 through 49 for poster listing.*

12:15pm – 1:15pm **Special Lunch Session: Beyond the Empirical Data Base: Assessment and Treatment of ADHD in Older Adults**

Chair: Mary Solanto, NYU School of Medicine

Participants: Iris Manor, Geha MHC, Tel Aviv University
 Craig Surman, Massachusetts General Hospital / Harvard Medical School
 David Goodman, Johns Hopkins at Green Spring Station

FULL SCHEDULE

1:30pm – 2:30pm

**Ask the Experts Panel - Lifestyle Modifications
and Psychosocial Treatment**
Grand Ballroom BC

Chair: Lisa Efron, Chair; Children's National Medical Center

Participants: John Mitchell, Duke University Medical Center
Ronna Fried, Massachusetts General Hospital / Harvard
Medical School
Mary Solanto, NYU School of Medicine

1:30pm – 2:30pm

**Ask the Experts Panel – Pharmacotherapy:
Monotherapy and Combined Medication
Treatments**
Grand Ballroom A

Chair: Thomas Spencer, Massachusetts General Hospital / Harvard
Medical School

Participants: Steven Pliszka, UT Health Sciences Center at San Antonio
Fred Reimherr, University of Utah
Andrea Spencer, Massachusetts General Hospital

2:30pm

Meeting Adjourns

1. **Single-dose Pharmacokinetics and Relative Bioavailability of a Novel Methylphenidate Extended-release Chewable Tablet Compared with Immediate-release Methylphenidate Chewable Tablet**

Richat Abbas¹, Donna Palumbo¹, Faith Walters¹, Heidi Belden¹, Sally A. Berry²

¹Pfizer, Inc., ²Tris Pharma, Inc.

2. **Risperidone versus Methylphenidate in Preschool Children with ADHD**

Fariba Arabgol¹, Leily Panaghi², Vahid Nikzad³

¹Behavioral Science Research Center, Imam Hosein Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran., ²Family Research Institute, Shahid Beheshti University, Tehran, Iran, ³Bronx-Lebanon Hospital Center, Albert Einstein College of Medicine

3. **Effect of MPH-MLR (Methylphenidate HCl Extended Release) Capsules on Sleep: Data from the Pivotal Trials**

Ann Childress¹, Margaret Weiss², Earl Nordbrock³, Sharon Wigal⁴, Wei-wei Chang⁵, Robert Kupper³, Akwete Adjei³, Judith Owens⁶

¹Center for Psychiatry and Behavioral Medicine, Inc., ²University of British Columbia, ³Rhodes Pharmaceuticals L.P., ⁴AVIDA Inc., Newport Beach, CA, ⁵NuTec Incorporated, Boston, MA, ⁶Boston Children's Hospital and Harvard Medical School, Boston, MA

4. **A Pharmacokinetic Study of Racemic Amphetamine Sulfate, 1:1 Amphetamine Isomer Formulation, in Healthy Subjects under Fasted Conditions**

Ann Childress¹, George Atiee², Vanessa Smeberg², Cynthia Zamora², Michael Natalino², Nancy Hinitt², Wilhelm Muller², Steven Hinitt², Elizabeth Camacho²

¹Center for Psychiatry and Behavioral Medicine, Inc., ²Worldwide Clinical Trials Early Phase Services, LLC

5. **Patients' with ADHD and Healthcare Professionals' Perspectives on Available ADHD Formulations, Swallowing Tablets and Capsules, and Treatment Adherence**

Ann Childress¹

¹Center for Psychiatry and Behavioral Medicine, Inc.

POSTERS

6. **Altered Intrinsic Functional Brain Architecture in Children at Familial Risk of Major Depression**

Mai Uchida¹, Xiaoqian Chai², Dina Hirshfeld-Becker³, Joseph Biederman⁴, Oliver Doehrmann², Julia Leonard², John Salvatore², Tara Kenworthy⁴, Alexandra Saunders⁴, Ariel Brown⁴, Elena Kagan⁴, Carlo de los Angeles², Gabrieli John², Whitfield-Gabrieli Susan²

¹Massachusetts General Hospital & Harvard Medical School, ²Poitras Center for Affective Disorders Research at the McGovern Institute for Brain Research and Department of Brain and Cognitive Sciences, ³Harvard Medical School, ⁴Massachusetts General Hospital

7. **OPEN BOARD**

8. **Functional and Structural Brain Correlates of Risk for Major Depression in Children with Familial Depression**

Mai Uchida¹, Xiaoqian Chai², Dina Hirshfeld-Becker³, Joseph Biederman⁴, Oliver Doehrmann², John Salvatore², Tara Kenworthy⁴, Alexandra Saunders⁴, Ariel Brown⁴, Elena Kagan⁴, Carlo de los Angeles², Whitfield-Gabrieli Susan², Gabrieli John²

¹Massachusetts General Hospital & Harvard Medical School, ²Poitras Center for Affective Disorders Research at the McGovern Institute for Brain Research and Department of Brain and Cognitive Sciences, ³Harvard Medical School, ⁴Massachusetts General Hospital

9. **The Synergistic Effect of ADHD in Youth with ASD**

Kevin Antshel¹

¹Syracuse University

10. **The Effectiveness of a Modified “West Coast” Summer Treatment Program on ADHD**

Benjamin Aaronson¹, Amy Compton¹, Daniel Campa¹, Erin Baumler¹, Michael Vitulano¹, Mark Stein¹

¹University of Washington

11. **A Study of the Neuropsychological Correlates in Adults with High Functioning Autism Spectrum Disorders**

Ronna Fried¹, Gagan Joshi¹, Pradeep Bhide², Anna Hall¹, Jessica Abrams¹, Amanda Pope¹, James Chan¹, Stephen Faraone³, Joseph Biederman¹

¹Massachusetts General Hospital & Harvard Medical School, ²Florida State University College of Medicine, ³SUNY Upstate Medical University & University of Bergen, Norway

POSTERS

12. Comorbidity of ADHD and ASD in a Private Clinical Setting: Clinical Profiles and the Impact of the Resilience Builder Program® Group Psychotherapy

Serene Habayeb¹, Ilana Huz¹, Sarah Bills¹, Brendan Rich¹, Mary K. Alvord²

¹The Catholic University of America, ²Alvord, Baker, & Associates

13. Attention Deficit Hyperactivity Disorder Symptoms in Children with Vocal Focal Nodules

Ömer Erdur¹, Arzu Hergüner¹, Kayhan Öztürk¹, Ertuğrul Kibar², Çağdaş Elsürer², Mete Bozkurt¹, Sabri Herguner²

¹Doctor, ²Trainee

14. Are Autistic Traits in Youth Meaningful? A Replication Study in Non-referred Siblings of Youth with ADHD

Gagan Joshi¹, Maura Fitzgerald¹, Ronna Fried¹, Kristina Conroy¹, Ryan Kilcullen¹, Joseph Biederman¹

¹Massachusetts General Hospital & Harvard Medical School

15. The Prevalence of ADHD in Older Adults in the Netherlands

Marieke Michielsen¹, Evert Semeijn¹, Hannie Comijs², Aartjan Beekman², Dorly Deeg², Sandra Kooij¹

¹PsyQ Expertise Center Adult ADHD, The Hague, ²VU University Medical Center, Amsterdam

16. Dasotraline Pharmacokinetics in Pediatric Subjects with ADHD

Seth Hopkins¹, Soujanya Sunkaraneni¹, Kaushik Sarma¹, Polina Elistratova¹, Estela Skende¹, Antony Loebel¹, Kenneth Koblan¹

¹Sunovion Pharmaceuticals, Inc.

17. Reward Processing in Drug-naïve Youth with Various Risks for Substance Use Disorders

Iliyan Ivanov¹, Xiaobo Liu¹, Kurt Schulz¹, Joanne Phillips¹, Beth Krone¹, Jin Fan¹, Mark Stein², Jeffery Newcorn¹

¹Icahn School of Medicine at Mt. Sinai NYC, ²Seattle Children's Research Institute

18. Medication Adherence and Use of Illicit Substances in Patients Prescribed Stimulant Medications Indicated for ADHD

Mancia Ko¹, Patricia Woster¹, Thomas Smith¹

¹Ingenuity Health, A Service of Ameritox, Ltd.

POSTERS

19. **ADHD Treatment Response among Youth with ADHD and Sluggish Cognitive Tempo**

Beth Krone¹, Jeffrey Newcorn², Tom Hildebrandt¹, Mark Stein³, Amanda Kirschenbaum¹, Anne-Claude Bedard¹, Erica Pazmino¹, Esty Rajwan¹, Sonja Roinstead⁴, Michael Li⁵

¹Icahn School of Medicine at Mount Sinai, ²Mount Sinai Medical Center,

³University of Washington, ⁴Wagner College, ⁵Boston College

20. **Early Morning Functioning in Stimulant-treated Children and Adolescents with Attention-Deficit Hyperactivity Disorder and its Impact on Caregivers**

Floyd Sallee¹

¹University of Cincinnati

21. **Treating Mothers First: Stimulant Medication and Parent Training Effects on Maternal ADHD Symptoms and Functioning**

Erin Schoenfelder¹, Andrea Chronis-Tuscano², Jennifer Strickland¹, William French¹, Samuel Zinner¹, Lindsay Miller¹, Mark Stein¹

¹Seattle Children's Research Institute, ²University of Maryland

22. **The Teen ADHD Workshop: Piloting a Brief Intervention to Increase Adolescent Treatment Engagement**

Erin Schoenfelder¹, Aurora Gangan², Connor McCabe¹, Arnett Anne¹, Lisa Herzig¹, Kara Mochan¹

¹University of Washington, ²Seattle Children's Research Institute

23. **Alcohol does not Alter the Pharmacokinetics and Plasma Concentrations of a Novel Extended-release Orally Disintegrating Tablet Formulation of Amphetamine for Treatment of ADHD**

Carolyn Sikes¹, Sherilyn Adcock², Jeffrey Stark², Russ McMahan¹, Mark Tengler¹, Jeffrey Newcorn³

¹Neos Therapeutics, Grand Prairie, Texas, ²Worldwide Clinical Trials, Austin, Texas, ³Mount Sinai Medical Center, New York, New York

24. **Efficacy of Quillivant Xr on Attention Deficit/Hyperactivity Disorder (ADHD) in Children with Autism Spectrum Disorder (ASD) and ADHD: Preliminary Findings**

Mark Stein¹, Soo-Jong Kim¹, William French¹, Sophia Shank²

¹University of Washington, ²Seattle Children's Research Institute

POSTERS

25. Pharmacokinetics of a Novel Methylphenidate Extended-release Orally Disintegrating Tablet Formulation

Mark Tengler¹, Russ McMahan¹, Jeffrey Stark², Ann Childress³, Dorothy Engelking¹, Carolyn Sikes¹

¹Neos Therapeutics, Grand Prairie, Texas, ²Worldwide Clinical Trials, Austin, Texas, ³Center for Psychiatry and Behavioral Medicine, Inc., Las Vegas, Nevada,

26. Frustration Tolerance in Children with Attention-Deficit/Hyperactivity Disorder (ADHD)

Karen Seymour¹, Richard Macatee², Andrea Chronis-Tuscano³

¹Johns Hopkins University School of Medicine, ²Florida State University, ³University of Maryland

27. A Phase III Clinical Endpoint Evaluation of HLD200 in Children with Attention-Deficit Hyperactivity Disorder: Safety Results

Mary Ann McDonnell¹, Sharon Wigal², Ann Childress³, Scott Kollins⁴, Floyd Sallee⁵, Norberto DeSousa⁶

¹South Shore Psychiatric Services, PC, ²AVIDA, Inc., ³Center for Psychiatry and Behavioral Medicine, Inc., Las Vegas, Nevada, ⁴Duke University, Durham, NC, ⁵University of Cincinnati, ⁶Ironshore Pharmaceuticals & Development, Inc.

28. Developmental Trajectories of Clinically Significant Attention-Deficit/Hyperactivity Disorder (ADHD) Symptoms from Grade 3 Through 12 in a High-risk Sample: Predictors and Outcomes

Tyler Sasser¹, Carla Calvin¹, Karen Bierman¹

¹The Pennsylvania State University

29. Self-reported Sleep Disturbances and Increased ADHD Symptoms in Adult Smokers

Jessica Lunsford-Avery¹, Scott Kollins², John Mitchell¹, Naomi Davis¹, Julia Schechter¹, F. Joseph McClernon¹

¹Duke University Medical Center, ²Duke University, Durham, NC

30. Sluggish Cognitive Tempo vs. Slow Processing Speed: Are they the Same Construct in ADHD Kids? Evidence for Differentiation of Functional Correlates

Nathan Cook¹, Ellen Braaten¹, Lauren Rhodewalt¹, Alyssa Doyle¹, Craig Surman¹

¹Massachusetts General Hospital

POSTERS

31. A Novel Mouse Model of Neuroeconomic Decision-making and Impulsivity

Brian M. Sweis¹, Cynthia Zheng¹, Stefan Brancel¹, Anders J. Asp¹, A. David Redish¹, Mark J. Thomas¹

¹University of Minnesota

32. A Heuristic Perspective on the Clinical Application of Dynamic Systems Theory to Disorders of Human Behavior: Differentiating ADHD from Bipolar Disorder

Isaac Szpindel¹

¹Clinical Research Physician, Toronto, CA

33. Evidence for the Efficacy ADHD Coaching

Lisa Joy Tuttle¹, Elizabeth Ahmann², Sarah D. Wright³

¹Private Practice, Philadelphia, PA and University of Pennsylvania, ²Private Practice, Washington, DC area and Maryland University of Integrative Health, ³Private Practice, San Diego, CA; Orlando, FL and International ADHD Coach Training Center

34. The Impact of Neighborhood Violence and School Attachment on Associations between ADHD and Substance Use in Hispanic Adolescents

Michael Vitulano¹, Paula Fite², Stephen Becker³, Joy Gabrielli⁴

¹Seattle Children's Hospital, ²University of Kansas, ³Cincinnati Children's Hospital, ⁴Dartmouth School of Medicine

35. Sadness and Sleep in Seasons: Biological Rhythms in ADHD, Depression and Anxiety

Dora Wynchank¹, Denise Bijlenga¹, Femke Lamers², Brenda Penninx², Annet Bron¹, Aartjan Beekman², Wim Winthorst³, J.J. Sandra Kooij¹

¹PsyQ Expertise Center Adult ADHD, The Hague, The Netherlands,

²Department of Psychiatry and EMGO+ Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands,

³Department of Psychiatry, University Medical Center Groningen, University of Groningen, The Netherlands

POSTERS

36. Response Characteristics of Integrated Computer-presented and Physical Brain-training Exercises for Children with Attention-Deficit/Hyperactivity Disorder

Lawrence Vitulano¹, Heidi Grantz¹, Angeli Landeros-Weisenberger¹, Liliya Katsovich¹, Selin Aktan¹, Ming-Yu Wang¹, Corinne Geoffrion¹, Bruce Wexler¹

¹Yale School of Medicine

37. Validation of the Weiss Functional Impairment Rating Scale – Parent Report (WFIRS-P) in a Clinical Observational Sample of ADHD Children and Youth

Margaret D. Weiss¹, Stephanie G. Craig², Rachelle A. Yu², Kristen L. Hudec¹

¹University of British Columbia, ²Simon Fraser University

38. Multidimensional Outcomes of Treatment with MPH-MPLR (Extended-release Methylphenidate) in Children and Adolescents with ADHD

Margaret Weiss¹, Earl Nordbrock², Sharon Wigal³, Laurence L. Greenhill⁴, Wei-wei Chang⁵, Ann Childress⁶, Robert J. Kupper², Akwete Adjei⁷

¹University of British Columbia, ²Rhodes Pharmaceuticals L.P., ³AVIDA, Inc., Newport Beach, CA, ⁴Division of Child and Adolescent Psychiatry, New York State Psychiatric Institute, Columbia University, New York, NY, ⁵NuTec Incorporated, Boston, MA, ⁶Center for Psychiatry and Behavioral Medicine, Inc., ⁷Rhodes Pharmaceuticals

39. Validation of the Weiss Functional Impairment Rating Scale – Self Report (WFIRS-S) in a Clinical Population of ADHD Youth Age 14 to 18

Margaret D. Weiss¹, Stephanie G. Craig², Rachelle A. Yu², Kristen L. Hudec¹

¹University of British Columbia, ²Simon Fraser University

40. Efficacy and Safety of a Chewable Methylphenidate Extended-release Tablet in Children with Attention-Deficit/Hyperactivity Disorder

Sharon Wigal¹, Ann Childress², Sally A. Berry³, Heidi Belden⁴, Faith Walters⁴, Phillip Chappell⁴, Nancy A. Sherman⁴, John Orazem⁴, Donna Palumbo⁴

¹AVIDA Inc., ²Center for Psychiatry and Behavioral Medicine, Inc., ³Tris Pharma, Inc., ⁴Pfizer, Inc.

POSTERS

41. A Phase III, 6-week, Open-label, Treatment Optimization Study of HLD200 in Children with Attention-Deficit Hyperactivity Disorder

Sharon Wigal¹, Ann Childress², Mary Ann McDonnell³, Scott Kollins⁴, Floyd Sallee⁵, Norberto DeSousa⁶

¹AVIDA, Inc., ²Center for Psychiatry and Behavioral Medicine, Inc., ³South Shore Psychiatric Services, PC, ⁴Duke University, Durham, NC, ⁵University of Cincinnati, ⁶Ironshore Pharmaceuticals & Development, Inc.

42. Supplementary Guanfacine Hydrochloride as a Treatment of Attention Deficit Hyperactivity Disorder in Adults: A Double Blind, Placebo-controlled Study

Joel Young¹, Max Butterfield², Jaime Saal¹, Benjamin Young¹

¹The Rochester Center for Behavioral Medicine, ²Point Loma Nazarene University

43. The Structure of Adult ADHD Symptoms in the Adult ADHD Clinical Diagnostic Scale (ACDS)

Lenard Adler¹, Stephen Faraone², Samuel Alperin³, Thomas Spencer⁴, Patricia Berglund⁵, Ronald Kessler⁶

¹NYU School of Medicine, ²SUNY Upstate Medical University, ³Hofstra NS-LIJ School of Medicine, ⁴Massachusetts General Hospital, ⁵University of Michigan, ⁶Harvard University

44. Functional Assessment of 18-25 Year-old Full-time Service Volunteers with and without ADHD

Richard Anderson¹, Greg Mattingly², Elizabeth Qiufeng Anderson³

¹Washington University School of Medicine, Department of Psychiatry, ²Associate Clinical Professor and Psychopharmacology Instructor, Washington University Department of Psychiatry, ³Department of Neuroscience, Brigham Young University

45. ADHD Treatment Improves Psychosocial Functioning in Young Adult Full-time Service Volunteers

Richard Anderson¹, Greg Mattingly², Elizabeth Qiufeng Anderson³

¹Washington University School of Medicine, Department of Psychiatry, ²Associate Clinical Professor and Psychopharmacology Instructor, Washington University Department of Psychiatry, ³Department of Neuroscience, Brigham Young University

POSTERS

46. Metadoxine – A Novel Pro-cognitive Non-stimulant Drug Candidate Modulating the Gamma-Aminobutyric Acid (GABA)ergic System

Johanna Schumann¹, Jonathan Rubin², Yaron Daniely¹, David J. Heal³, Bruno Buisson⁴

¹Alcobra, Ltd., ²Alcobra, Inc, ³RenaSci, Ltd., ⁴Neuroservice

47. Methylphenidate and Sleep Functioning in Children with ADHD

Melissa Wagner-Schuman¹, Stephen Becker², Jeffrey Epstein², Tanya Froehlich²

¹Cincinnati Children's Hospital, ²Cincinnati Children's Hospital Medical Center

48. Differential Item Function in a Rasch-validated Emotional Dysregulation Scale

Lloyd Balbuena¹, Declan Quinn²

¹University of Saskatchewan College of Medicine, ²University of Saskatchewan

49. Parent-teacher Informant versus Parent-only Informant Evaluations in the Diagnosis of ADHD

Adam Bied¹, Stephen Faraone¹

¹SUNY Upstate Medical University

50. OPEN BOARD

51. OPEN BOARD

52. OPEN BOARD

53. Neurobiological Evidence of Vulnerability to PTSD in ADHD: A Controlled Mri Study Assessing Fear Circuitry in Non-traumatized Adults with and without ADHD

Andrea E. Spencer¹, Marie-France Marin¹, Olivia E. Bogucki¹, Mohammed R. Milad¹, Thomas J. Spencer¹, Amanda L. Pope¹, Natalie Plasencia¹, Brittany Hughes¹, Edward F. Pace-Schott¹, Maura Fitzgerald¹, Mai Uchida¹, Joseph Biederman¹

¹Massachusetts General Hospital

POSTERS

54. Executive Functioning in Rating Scales for ADHD Assessment: Ecologically Valid or Construct Invalid?

Elia F. Soto¹, Paula Aduen², Nicole Ferretti¹, Erica L. Wells¹, Elizabeth Holland¹, Michael J. Kofler¹

¹Florida State University, ²University of Virginia

55. Are there Character Strengths Associated with Adult ADHD? Comparison of ADHD Adults and Controls on the via Inventory of Strengths

J. Russell Ramsay¹, David Giwerc², Robert McGrath³, Ryan Niemiec⁴

¹University of Pennsylvania, Perelman School of Medicine, ²ADDCA,

³Fairleigh Dickinson University, ⁴Xavier University and VIA Institute on Character

56. Are there Virtues Associated with Adult ADHD?: Comparison of ADHD Adults and Controls on the VIA Inventory of Strengths

J. Russell Ramsay¹, David Giwerc², Robert McGrath³, Ryan Niemiec⁴

¹University of Pennsylvania, Perelman School of Medicine, ²ADDCA,

³Fairleigh Dickinson University, ⁴Xavier University and VIA Institute on Character

57. Comparison of 2 Measures of Working Memory Impairments in 220 Adolescents & Adults with ADHD

Thomas E. Brown¹, Ryan J. Kennedy², Donald M. Quinlan¹

¹Yale University School of Medicine, ²Quinnipiac University School of Nursing

58. Peer Problems in Youth with ADHD: Who is most at-risk?

Naomi Davis¹, Julia Schechter¹, John Mitchell¹, Jessica Lunsford-Avery¹, Scott Kollins¹

¹Duke University Medical Center

59. Comparison of Quality of Life, Productivity and Functioning between Adults with and without Attention-Deficit/Hyperactivity-Disorder (ADHD) Symptoms

Moshe Fridman¹, Regina Grebla², Manjiri Pawaskar³, Manisha Madhoo²

¹AMF Consulting, Inc., ²Shire, ³Formerly of Shire

POSTERS

60. Psychometric Properties of the Quick Delay Questionnaire (QDQ) in an Adult Outpatient Sample Seeking an ADHD Assessment

John Mitchell¹, Rebecca Pratt¹, Naomi Davis¹, Jessica Lunsford-Avery¹, Julia Schechter¹, Edmund Sonuga-Barke², Scott Kollins³

¹Duke University Medical Center, ²University of Southampton, ³Duke University

POSTER TOURS

Poster Tour 1 - Friday, January 15, 2016 at 7:00 PM, Oriental Ballroom

- 1. Single-dose Pharmacokinetics and Relative Bioavailability of a Novel Methylphenidate Extended-release Chewable Tablet Compared with Immediate-release Methylphenidate Chewable Tablet**

Richat Abbas¹, Donna Palumbo¹, Faith Walters¹, Heidi Belden¹, Sally A. Berry²

¹Pfizer, Inc., ²Tris Pharma, Inc.

- 3. Effect of MPH-MLR (Methylphenidate HCl Extended Release) Capsules on Sleep: Data from the Pivotal Trials**

Ann Childress¹, Margaret Weiss², Earl Nordbrock³, Sharon Wigal⁴, Wei-wei Chang⁵, Robert Kupper³, Akwete Adjei³, Judith Owens⁶

¹Center for Psychiatry and Behavioral Medicine, Inc., ²University of British Columbia, ³Rhodes Pharmaceuticals, L.P., ⁴AVIDA, Inc., Newport Beach, CA, ⁵NuTec Incorporated, Boston, MA, ⁶Boston Children's Hospital and Harvard Medical School, Boston, MA

- 16. Dasotraline Pharmacokinetics in Pediatric Subjects with ADHD**

Seth Hopkins¹, Soujanya Sunkaraneni¹, Kaushik Sarma¹, Polina Elistratova¹, Estela Skende¹, Antony Loebel¹, Kenneth Koblan¹

¹Sunovion Pharmaceuticals, Inc.

- 17. Reward Processing in Drug-naïve Youth with Various Risks for Substance Use Disorders**

Iliyan Ivanov¹, Xiaobo Liu¹, Kurt Schulz¹, Joanne Phillips¹, Beth Krone¹, Jin Fan¹, Mark Stein², Jeffrey Newcorn¹

¹Icahn School of Medicine at Mt. Sinai NYC, ²Seattle Children's Research Institute

- 18. Medication Adherence and Use of Illicit Substances in Patients Prescribed Stimulant Medications Indicated for ADHD**

Mancia Ko¹, Patricia Woster¹, Thomas Smith¹

¹Ingenuity Health, A Service of Ameritox, Ltd.

POSTER TOURS

19. **ADHD Treatment Response among Youth With ADHD and Sluggish Cognitive Tempo**

Beth Krone¹, Jeffrey Newcorn², Tom Hildebrandt¹, Mark Stein³, Amanda Kirschenbaum¹, Anne-Claude Bedard¹, Erica Pazmino¹, Esty Rajwan¹, Sonja Roinstead⁴, Michael Li⁵

¹Icahn School of Medicine at Mount Sinai, ²Mount Sinai Medical Center, ³University of Washington, ⁴Wagner College, ⁵Boston College

21. **Treating Mothers First: Stimulant Medication and Parent Training Effects on Maternal ADHD Symptoms and Functioning**

Erin Schoenfelder¹, Andrea Chronis-Tuscano², Jennifer Strickland¹, William French¹, Samuel Zinner¹, Lindsay Miller¹, Mark Stein¹

¹Seattle Children's Research Institute, ²University of Maryland

Poster Tour 2 - Friday, January 15, 2016 at 7:00 PM, **Oriental Ballroom**

6. **Altered Intrinsic Functional Brain Architecture in Children at Familial Risk of Major Depression**

Mai Uchida¹, Xiaoqian Chai², Dina Hirshfeld-Becker³, Joseph Biederman⁴, Oliver Doehrmann², Julia Leonard², John Salvatore², Tara Kenworthy⁴, Alexandra Saunders⁴, Ariel Brown⁴, Elena Kagan⁴, Carlo de los Angeles², Gabrieli John², Whitfield-Gabrieli Susan²

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9. **The Synergistic Effect of ADHD in Youth with ASD**

Kevin Antshel¹

¹Syracuse University

11. **A Study of the Neuropsychological Correlates in Adults with High Functioning Autism Spectrum Disorders**

Ronna Fried¹, Gagan Joshi¹, Pradeep Bhide², Anna Hall¹, Jessica Abrams¹, Amanda Pope¹, James Chan¹, Stephen Faraone³, Joseph Biederman¹

¹Massachusetts General Hospital & Harvard Medical School, ²Florida State University College of Medicine, ³SUNY Upstate Medical University & University of Bergen, Norway

POSTER TOURS

- 15. The Prevalence of ADHD in Older Adults in the Netherlands**
Marieke Michielsen¹, Evert Semeijn¹, Hannie Comijs², Aartjan Beekman², Dorly Deeg², Sandra Kooij¹

¹PsyQ Expertise Center Adult ADHD, The Hague, ²VU University Medical Center, Amsterdam

- 26. Frustration Tolerance in Children with Attention-Deficit/Hyperactivity Disorder (ADHD)**

Karen Seymour¹, Richard Macatee², Andrea Chronis-Tuscano³

¹Johns Hopkins University School of Medicine, ²Florida State University,

³University of Maryland

- 29. Self-reported Sleep Disturbances and Increased ADHD Symptoms in Adult Smokers**

Jessica Lunsford-Avery¹, Scott Kollins², John Mitchell¹, Naomi Davis¹, Julia Schechter¹, F. Joseph McClernon¹

¹Duke University Medical Center, ²Duke University, Durham, NC

- 30. Sluggish Cognitive Tempo vs. Slow Processing Speed: Are they the Same Construct in ADHD Kids? Evidence for Differentiation of Functional Correlates**

Nathan Cook¹, Ellen Braaten¹, Lauren Rhodewalt¹, Alyssa Doyle¹, Craig Surman¹

¹Massachusetts General Hospital

- 35. Sadness and Sleep in Seasons: Biological Rhythms in ADHD, Depression and Anxiety**

Dora Wynchank¹, Denise Bijlenga¹, Femke Lamers², Brenda Penninx², Annet Bron¹, Aartjan Beekman², Wim Winthorst³, J.J. Sandra Kooij¹

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³Department of Psychiatry, University Medical Center Groningen, University of Groningen, The Netherlands

POSTER TOURS

Poster Tour 1 - Saturday, January 16, 2016 at 11:45 AM, Oriental Ballroom

23. Alcohol does not Alter the Pharmacokinetics and Plasma Concentrations of a Novel Extended-release Orally Disintegrating Tablet Formulation of Amphetamine for Treatment of ADHD

Carolyn Sikes¹, Sherilyn Adcock², Jeffrey Stark², Russ McMahan¹, Mark Tengler¹, Jeffrey Newcorn³

¹Neos Therapeutics, Grand Prairie, Texas, ²Worldwide Clinical Trials, Austin, Texas, ³Mount Sinai Medical Center, New York, New York

36. Response Characteristics of Integrated Computer-presented and Physical Brain-training Exercises for Children with Attention-Deficit/Hyperactivity Disorder

Lawrence Vitulano¹, Heidi Grantz¹, Angeli Landeros-Weisenberger¹, Liliya Katsoyich¹, Selin Aktan¹, Ming-Yu Wang¹, Corinne Geoffrion¹, Bruce Wexler¹

¹Yale School of Medicine

38. Multidimensional Outcomes of Treatment with MPH-MPLR (Extended-release Methylphenidate) in Children and Adolescents with ADHD

Margaret Weiss¹, Earl Nordbrock², Sharon Wigal³, Laurence L. Greenhill⁴, Wei-wei Chang⁵, Ann Childress⁶, Robert J. Kupper², Akwete Adjei⁷

¹University of British Columbia, ²Rhodes Pharmaceuticals, L.P., ³AVIDA, Inc., Newport Beach, CA, ⁴Division of Child and Adolescent Psychiatry, New York State Psychiatric Institute, Columbia University, New York, NY, ⁵NuTec Incorporated, Boston, MA, ⁶Center for Psychiatry and Behavioral Medicine, Inc., ⁷Rhodes Pharmaceuticals

40. Efficacy and Safety of a Chewable Methylphenidate Extended-release Tablet in Children with Attention-Deficit/Hyperactivity Disorder

Sharon Wigal¹, Ann Childress², Sally A. Berry³, Heidi Belden⁴, Faith Walters⁴, Phillip Chappell⁴, Nancy A. Sherman⁴, John Orazem⁴, Donna Palumbo⁴

¹AVIDA, Inc., ²Center for Psychiatry and Behavioral Medicine, Inc., ³Tris Pharma, Inc., ⁴Pfizer, Inc.

POSTER TOURS

46. Metadoxine – A Novel Pro-cognitive Non-stimulant Drug Candidate Modulating the Gamma-Aminobutyric Acid (GABA)ergic System

Johanna Schumann¹, Jonathan Rubin², Yaron Daniely¹, David J. Heal³, Bruno Buisson⁴

¹Alcobra, Ltd., ²Alcobra, Inc., ³RenaSci, Ltd., ⁴Neuroservice

47. Methylphenidate and Sleep Functioning in Children with ADHD

Melissa Wagner-Schuman¹, Stephen Becker², Jeffrey Epstein², Tanya Froehlich²

¹Cincinnati Children's Hospital, ²Cincinnati Children's Hospital Medical Center

53. Neurobiological Evidence of Vulnerability to PTSD in ADHD: A Controlled Mri Study Assessing Fear Circuitry in Non-traumatized Adults with and without ADHD

Andrea E. Spencer¹, Marie-France Marin¹, Olivia E. Bogucki¹, Mohammed R. Milad¹, Thomas J. Spencer¹, Amanda L. Pope¹, Natalie Plasencia¹, Brittany Hughes¹, Edward F. Pace-Schott¹, Maura Fitzgerald¹, Mai Uchida¹, Joseph Biederman¹

¹Massachusetts General Hospital

Poster Tour 2 - Saturday, January 16, 2016 at 11:45 AM, **Oriental Ballroom**

37. Validation of the Weiss Functional Impairment Rating Scale – Parent Report (WFIRS-P) in a Clinical Observational Sample of ADHD Children and Youth

Margaret D. Weiss¹, Stephanie G. Craig², Rachelle A. Yu², Kristen L. Hudec¹

¹University of British Columbia, ²Simon Fraser University

39. Validation of the Weiss Functional Impairment Rating Scale – Self Report (WFIRS-S) in a Clinical Population of ADHD Youth Age 14 to 18

Margaret D. Weiss¹, Stephanie G. Craig², Rachelle A. Yu², Kristen L. Hudec¹

¹University of British Columbia, ²Simon Fraser University

POSTER TOURS

43. The Structure of Adult ADHD Symptoms in the Adult ADHD Clinical Diagnostic Scale (ACDS)

Lenard Adler¹, Stephen Faraone², Samuel Alperin³, Thomas Spencer⁴, Patricia Berglund⁵, Ronald Kessler⁶

¹NYU School of Medicine, ²SUNY Upstate Medical University, ³Hofstra NS-LIJ School of Medicine, ⁴Massachusetts General Hospital, ⁵University of Michigan, ⁶Harvard University

49. Parent-teacher Informant versus Parent-only Informant Evaluations in the Diagnosis of ADHD

Adam Bied¹, Stephen Faraone¹

¹SUNY Upstate Medical University

54. Executive Functioning in Rating Scales for ADHD Assessment: Ecologically Valid or Construct Invalid?

Elia F. Soto¹, Paula Aduen², Nicole Ferretti¹, Erica L. Wells¹, Elizabeth Holland¹, Michael J. Kofler¹

¹Florida State University, ²University of Virginia

55. Are There Character Strengths Associated with Adult ADHD? Comparison of ADHD Adults and Controls on the VIA Inventory of Strengths

J. Russell Ramsay¹, David Giwerc², Robert McGrath³, Ryan Niemiec⁴

¹University of Pennsylvania, Perelman School of Medicine, ²ADDCA, ³Fairleigh Dickinson University, ⁴Xavier University and VIA Institute on Character

58. Peer Problems in Youth with ADHD: Who is most at-risk?

Naomi Davis¹, Julia Schechter¹, John Mitchell¹, Jessica Lunsford-Avery¹, Scott Kollins¹

¹Duke University Medical Center

59. Comparison of Quality of Life, Productivity and Functioning between Adults with and without Attention-Deficit/Hyperactivity-Disorder (ADHD) Symptoms

Moshe Fridman¹, Regina Grebla², Manjiri Pawaskar³, Manisha Madhoo²

¹AMF Consulting, Inc., ²Shire, ³Formerly of Shire

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