

# **The Common Threads: Post Infectious Autoimmune Diseases of the Brain Conference**

## **March 9, 2018**

### **Program Description & Objectives**

**The Common Threads: Post Infectious Autoimmune Diseases of the Brain Conference** is an international, interdisciplinary conference that breaks down the silos in medicine by bringing together clinical and research experts in the areas of neurology, immunology, psychology, psychiatry, infectious disease, genetics and more to explore the commonalities among post-infectious autoimmune disease models and best practices for treatment.

This conference is designed for Medical Professionals (M.D., Ph.D., NP, RN) in the specialty of Pediatrics, Immunology, Infectious Diseases, Neurobiology, Neurology or Psychiatry, as well as mental health professionals involved in the research and treatment of children with sudden onset neuropsychiatric conditions. The program will present information on the growing knowledge, understanding and treatment across these various disciplines as they pertain to autoimmunity and infection triggered disease, including but not limited to Pediatric Autoimmune Neuropsychiatric Disorder Associated with Strep, or PANDAS, as well as a subset of kids with Pediatric Autoimmune Neuropsychiatric Syndrome, or PANS, autoimmune encephalopathies, and other rare disease and illnesses.

There has been very little scientific research at both basic and clinical level that is done to understand the *mechanisms* of PANDAS/PANS and to develop protocols for effective treatment. Moreover, the disease is not known or recognized by a large number of physicians who remain hesitant to treat children that present with the disease, often due to lack of established, or mainstream articulated, consensus. We have gathered a large number of basic and clinical scientists who are experts in the field of PANDAS/PANS to present their latest scientific discoveries with the hope of drawing comparisons for our targeted audience about the similarities in some of the pathological basis of autoimmune diseases of the nervous system, recent discoveries about the pathological basis of PANDAS/PANS and potential future therapies.

Course participants will acquire knowledge about the NIMH Consortium on PANDAS/PANS recently developed and published treatment guidelines that will be disseminated in the conference in order to educate physicians about the diagnosis and treatment of the disease.

The conference will provide several sessions that encompass the various facets of the disorder through the lens of microbiology, immunology, neurobiology, psychiatry and clinical aspects of PANDAS/PANS. In addition, there is a panel discussion with questions and answers from experts in the PANDAS/PANS field, as well as round table discussions between medical professionals and parents or school teachers and parents. These methods have been shown to be

very effective to disseminate information and fill educational gaps.

Participants will be able to attend all plenary presentations and choose among a couple small workshops led by the faculty members. Each workshop will focus on a specific topic in greater depth and allow for questions and discussion.

The event will also highlight the newly integrated clinical and research site for PANDAS/PANS patients at Columbia University Medical Center (CUMC) serving pediatric patients in the greater New York area.

At the conclusion of the program, medical doctors, nurses and mental health professionals will:

- Identify factors that impact infectious triggered disease and an autoimmune response
- Identify the relationship between infectious agents and the effects on behavior and cognition in the nervous system and the role of the immune system.
- Know some of the basic and clinical research findings in the field of PANDAS/PANS.
- Be able to evaluate clinical research and establish protocols to detect, identify and treat cognitive symptoms of PANDAS/PANS.
- Be able to distinguish PANDAS/PANS from other pediatric psychiatric OCD disorders and Tourette's syndrome or Autoimmune Encephalitis.
- Have an increased awareness and include the best practices for diagnosis and treatment of PANDAS/PANS in the general practice guidelines.
- Have the opportunity to interact with colleagues of other disciplines and parents of children who are afflicted with PANDAS/PANS during the conference to discuss the disease and its toll.
- Embed humanism into their medicine practice through better patient care based on first hand accounts and anecdotal experiences from families to be first curious, rather than doubtful

## **Accreditation Statement**

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 the College of Physicians and Surgeons of Columbia University and PANDAS Network. The College of Physicians and Surgeons of Columbia University is accredited by the ACCME to provide continuing medical education for physicians.

Columbia University School of Nursing is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation

## **AMA Credit Designation Statement**

The College of Physicians and Surgeons designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## **ANCC Credit Designation Statement**

Columbia University School of Nursing designates this live activity for a maximum of 17 total Credits, 8 credit hours for March 9, and 9 for March 10. RNs should claim only the credit commensurate with the extent of their participation in the activity.

## **Course Directors**

**Richard Mayeux M.D. M.Sc.** *Director, Chair, Dept. Of Neurology, Gertrude H. Sergievsky Professor Of Neurology, Psychiatry And Epidemiology, Columbia University College of Physicians & Surgeons, New York, New York*

**Dritan Agalliu Ph.D.**, *Assistant Professor of Pathology and Cell Biology (in Neurology and Pharmacology) at CUMC, Columbia University College of Physicians & Surgeons, New York, New York*

**Judy Honig, EdD, DNP, CPNP, PMHS, FAAN**, *Dorothy M. Rogers Professor of Nursing at CUMC, Senior Associate Dean, Academic Affairs and Dean of Students, Columbia University College of Nursing.*

## **Poster Session Coordinator**

**Diana Pohlman**, *Executive Director, PANDAS Network, Menlo Park, California.*

## Faculty

**Hilla Ben-Pazi, MD**, Child Neurologist, Jerusalem, Israel

**Michael Benros, MD, PhD**, Senior Researcher, Copenhagen University Hospital, Denmark

**Jerry Bubrick, PhD**, is the senior director of the Anxiety Disorders Center and director of the Obsessive-Compulsive Disorder Service at the Child Mind Institute

**Gonca Celik, MD**, Associate Professor, Cukurova University

**Tyler Cutforth, PhD**, Associate Research Scientist, Agalliu Lab Department of Neurology Columbia University Medical Center

**Madelaine W. Cunningham, PhD**, Professor Presbyterian Health Foundation Presidential Professor Department of Microbiology and Immunology, University of Oklahoma

**Brian Fallon, MD**, Director the Lyme and Tick-borne Diseases Research Center CUMC, MPH Professor of Clinical Psychiatry, Columbia University

**Scott E. Hirsch, MD**, Clinical Associate Professor, Department of Neurology; Clinical Associate Professor, Department of Psychiatry; Clinical Associate Professor, Department of Child and Adolescent Psychiatry at NYU Lagone Health

**Elizabeth Latimer, MD**, Child Neurologist, Latimer Neurology Center & Medstar Georgetown University Medical Center

**Angelique LeDoux**, Board of Director, PANDAS Network; Executive Director, PALNYC

**Richard Mayeux, MD, MSc**, Gertrude H. Sergievsky Professor of Neurology, Psychiatry, and Epidemiology at Columbia University. Director of the Gertrude H. Sergievsky Center; Co-director of the Taub Institute for Research on Alzheimer's Disease and the Aging Brain, Chairman Department of Neurology and Neurologist-in-Chief at New York Presbyterian Hospital

**Souhel Najjar, MD**, Chair of Neurology Lenox Hill Hospital and Staten Island University Hospital, Chair and Professor of Neurology Hofstra North Shore-LU School of Medicine, NYC

**Tanya K. Murphy**, Maurice A. and Thelma P. Rothman Chair of Developmental Pediatrics Director and Professor Rothman Center for Pediatric Neuropsychiatry, Pediatrics, and Psychiatry, University of South Florida

**Diana Pohlman**, Founder, PANDAS Network, Menlo Park, CA

**Susan Schulman, MD**, Clinical Associate Professor, Pediatrics, NYU Langone

**Susan E. Swedo, MD**, Chief, Pediatrics and Developmental Neuroscience Branch, National Institute of Mental Health

**Margo Thienemann, MD**, Co-Director, Stanford Pediatric Acute-Onset Neuropsychiatric Syndrome (PANS) Clinic; Director of Psychiatric Services

**Claudia Wallis**, Veteran science journalist; Interim Director of the Teacher Project at Columbia University School of Journalism

**Kyle A. Williams, MD**, Harvard Medical School Director, Pediatric Neuropsychiatry and Immunology Program Massachusetts General Hospital

# Program

8:15	<b>Registration, Check-In &amp; Networking + Continental Breakfast</b>	
8:45- 9:00	<b>Conference Introduction</b> by Dr. Richard Mayeux, Dept of Neurology; PN Dedication to Dr. Arnold Gold	Dr. Richard Mayeux
9:00-9:50	<b>Plenary Roundtable:</b> A Multidisciplinary Exploration of the Common Threads Among Infectious Triggered Autoimmune Diseases of the Brain	<b>(Moderator:</b> Walis; Swedo, Benros, Thienemann, Najjar, Fallon, Cutforth)
10:00-11:05	<b>Neurology &amp; Neuroscience:</b> Autoimmune Encephalopathies	(Najjar, Cutforth, Williams)
11:15-12:15	<b>Infectious Diseases</b> Potential Impact on the Brain	(Benros, Fallon)
12:30 -1:20	Luncheon	
1:35-2:25	<b>Autoimmunity &amp; Genetics:</b> Impact of Strep on Children of Israel, Turkey & The U.S.	(Ben-Pazi, Cunningham, Celik)
<b>CONCURRENT SESSIONS</b>		
2:45-4:15	<b>Grand Rounds/ Plenary Session-</b> Complexities in Diagnosis & Treatment	(Swedo, Latimer, Schulman, Thienemann Murphy, Williams)
4:15-5:15 pm	<b>MODERATED Q&amp;A</b> with the Doctors	<b>(M-Cutforth;</b> Swedo, Latimer, Schulman, Thienemann, Murphy, Williams)
2:45-3:45	<b>Psychiatry &amp; Immunology:</b> The Evolving PANDAS Patient Profile	(Murphy, Williams)
3:55-5:15	<b>When Neurology &amp; Psychology Collide:</b> Inflammation & Deciphering the Spectrum of Chorea, Tics, TS and OCD	(Hirsch,Ben-Pazi, Bubrick)
5:30-5:45	<b>Closing Remarks,</b> PN's Diana Pohlman	(Pohlman)
5:45	Conclusion	

## Disclosure

Before the program, all faculty will disclose the existence of any financial interest and/or other relationship(s) (e.g. employee, consultant, speaker's bureau, grant recipient, research support, stock ownership or any other special relationship) they might have with a) the manufacturer(s) of any commercial product(s) to be discussed during their presentation and/or b) any commercial contributor to this activity. When unlabeled uses are discussed, these will also be indicated.

**Dritan Agalliu, PhD**

*None*

**Hilla Ben-Pazi, MD**

*None*

**Michael Benros, MD, PhD**

*None*

**Jerry Bubrick, PhD**

*None*

**Gonca Celik, MD**

*None*

**Madelaine W. Cunningham, PhD**

*Moleculera Labs, OK City, OK*

**Tyler Cutforth**

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*Hughes, Hubbard & Reed, LLP*

**Brian Fallon, MD\***

*None*

**Scott E. Hirsch, MD\***

*None*

**Judy Honig, EdD, DNP, CPNP, PMHS, FAAN \***

*None*

**Elizabeth Latimer, MD**

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**Angelique LeDoux**

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**Richard Mayeux, MD, MSc**

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**Souhel Najjar, MD**

*None*

**Tanya K. Murphy\***

*None*

**Diana Pohlman**

*None*

**Susan Schulman, MD\***

*None*

**Susan E. Swedo, MD\***

*None*

**Margo Thienemann, MD\***

*None*

**Kyle A. Williams, MD\***

*None*

**Claudia Wallis,**

*None*

*\* indicates that the speaker intends to discuss unlabeled uses of a commercial product, or an investigational use of a product not yet approved for this purpose. The speaker will disclose this information during his/her presentation.*



**PANDAS NETWORK**  
ADVOCACY, SUPPORT & RESEARCH FOR PANDAS, PANS, AE

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*Sandra Gold*

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*&*

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*for their support to educate those  
who will heal our children.*

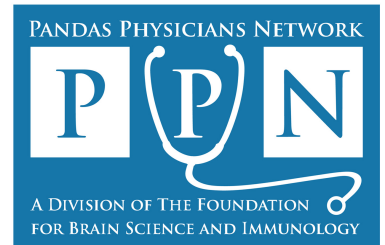
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