

PATH Foundation NY Conference
Saturday, May 14, 2016

**Winning the War
on Addiction in America**

at Canoe Studios: 601 W 26th St #1465, NY, NY 10001

Understanding the Role of Neurogenetics and
Epigenetics in Reward Deficiency Syndrome
(RDS) and Recovery

Honoring the Work of Eric J. Nestler and Mark S. Gold

6.75 AMA PRA Cat 1 CME Credit | [University at Buffalo SUNY](#)

9:00-9:05 Welcome – **Eric Braverman, MD***

*Neurogenetics, Epigenetics, and Optogenetics of Reward
Deficiency* | Moderated by Kenneth Blum

9:00-9:30 Future Perspectives in Treating Addiction in
America - **Kenneth Blum, PhD***

9:30-10:00 Understanding Epigenetics in Substance Use
Disorder: NIDA Perspective—**Jean Lud Cadet, MD***

10:00-10:30 Molecular Mechanisms and Epigenetics of
Cocaine addiction—**Yi Zhang, MD with Luis Tuesta,
PhD***

10:30-10:45 Coffee Break

10:45 -11:15 The Role of Optogenetics in Psychiatric
Disorders and Introduction to Eric J. Nestler – **Vincent
Pieribone, PhD***

11:15-12:00 Epigenetic signaling in Psychiatric Disorders –
Eric J Nestler, MD, PhD*

12:00-1:30 Award Ceremony and Lunch – 2016 PATH
Foundation Neuroscience Prize- **Eric J Nestler, MD,
PhD*, letters by John H. Krystal presented by Vincent
Pieribone, PhD***

- Opening by **Rev. Dr. Forbes**, Senior Minister
Emeritus of The Riverside Church

1:30-2:00 Role of Optogenetics in Targeting Reward
Neurons Altered by Psychostimulant Abuse - **David Self,
PhD***

2:00-2:30 Food Addiction: A Common Neurobiological
mechanism with Drug Abuse – **Gene-Jack Wang, MD***

2:30-3:00 Understanding Opioids Reward- **Elyssa
Margolis, PhD***

3:00-3:30 The Role of Dopamine in Reward Deficiency
Syndrome– **Peter K. Thanos***

3:30-3:45 Coffee Break

Brain Repair | Moderated by Eric Braverman

3:45-4:15 Neural Stem Cell –Based Therapies for Fetal
Alcohol Syndrome - **Cesario Borlongan, PhD***

4:15-4:45 Using Proteins to Block Brain Cell Death Cascade
of Aging – **Hermann Steller, PhD***

4:45-5:15 Sequela of Concussion: Endocrine,
Neurocognitive, and Somatic – **Joseph Maroon, MD***
with special guest **Leonard Marshall, former NFL
player**

5:15-5:45 Restructuring of United States Primary Care to be
Brain-Based Focused on Addictive Behavior and its
Dynamic Contribution to Neuropsychiatric Disorders,
Violence, Obesity, Insomnia, Adolescent Developmental
and Psychiatric Problems - **Eric Braverman, MD***

5:45-6:45 Meet and Greet/Cocktails & NOVA Special on
Optogenetic Probing

- *Room A* Workshop: Nutrients & Phytonutrient
Substances in Alcohol Dependency- **Richard
Smayda, DO***
- *Room B* Workshop: Weak Frame, Weak Brian:
Vulnerabilities to Addiction - **Anish Bajaj, DC***
- *Room C* Glutamatergic-Dopaminergic
Optimization Complex – **Roger Waite, DC**

6:45-9:00 *Award Ceremony and Dinner* with former
Governor **David Paterson*** featuring special performance
by **Grammy Award Winner Miri Ben-Ari***

- Introduction - **Sean Hannity, Fox News Host**
- White House Video Message - **Michael
Botticelli, MA***
- Introduction of PATH Foundation NY Lifetime
Achievement Award - **David Baron, DO,
MSEd*** to **Mark S. Gold, MD***

9:00 Closing Remarks – **Eric Braverman, MD**

Proposed Faculty



University at Buffalo
The State University of New York



Eric R Braverman, MD*

Co-Chair, Award Presenter

President and Medical Director of PATH Medical Clinic and PATH Foundation NY

Kenneth Blum, PhD, DHL*

Chair, Moderator, Award Presenter

Adjunct Professor, Department of Psychiatry and McKnight Brain Institute, University of Florida, College of Medicine, Gainesville, FL and Department of Psychiatry, Keck Medical School, University of Southern California, Los Angeles

Jean Lud Cadet, MD*

Senior Investigator, Molecular Neuropsychiatry Research Branch, NIDA, Baltimore

Yi Zhang, PhD*

Fred S. Rosen endowed Professor of Pediatrics and Professor of Genetics at Harvard Medical School and Director of Stem Cell Institute of Harvard, Cambridge

Luis Tuesta, PhD

Research Fellow in Genetics (EXT) at Harvard Medical School, Post-doctoral Fellow at the Zhang Laboratory at the Howard Hughes Medical Institute

John H. Krystal, MD

Robert L. McNeil, Jr. Professor of Psychiatry and Professor of Neuroscience, Chair, Department of Psychiatry, Chief of Psychiatry, Yale-New Haven Hospital, Director: NIAAA Center for the Translational Neuroscience of Alcoholism, Director, Clinical Neuroscience Division, VA National Center for PTSD, Director, VA Alcohol Research Center, and Medical Director, Schizophrenia Biological Research Center, DVA

Vincent Pieribone, PhD*

Fellow, John B. Pierce Laboratory, Professor, Cellular & Molecular Physiology and Neuroscience, Yale School of Medicine, Research Associate, American Museum of Natural History, and Scientific Board of Directors, Mystic Aquarium and Center for Exploration

Eric J. Nestler, MD, PhD*

Dean for Academic Affairs, Director of Friedman Brain Institute, Professor and Chair of Neuroscience, of Pharmacology and Systems Therapeutics, and of Psychiatry, Mount Sinai

David Self, PhD*

Wesley Gilliland Professorship in Biomedical Research in Department of Psychiatry, UT Southwestern Medical School, Dallas

Gene-Jack Wang, MD*

Senior Clinician and Clinical Director, Laboratory of Neuroimaging, National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health

Elyssa Margolis PhD*

Assistant Professor & Director and Wheeler Center for the Neurobiology of Addiction, Department of Neurology, University of San Francisco School of Medicine, San Francisco

Peter K. Thanos, PhD*

Senior Research Scientist, Behavioral Neuropharmacology and Addiction Research Center, University at Buffalo, NY

Cesario Borlongan, PhD*

Professor & Director, Center of Excellence for Aging & Brain Repair and President of the International Placenta Stem Cell Society

Hermann Steller, PhD*

Investigator, Howard Hughes Medical Institute and Strang Professor at the Strang Laboratory of Apoptosis and Cancer Biology, Rockefeller University

Joseph Maroon, MD, FACS*

Professor and Vice Chairman, Heindl Scholar in Neuroscience, Department of Neurosurgery, University of Pittsburgh

Richard Smayda, DO

Integrative Family Practitioner at PATH Medical, Graduate of the University of New England College of Osteopathic Medicine, Resident at Northside Hospital & Tampa Bay Heart Institute

Anish Bajaj, DC

Bajaj Chiropractic, P.C.

Roger Waite, DC

President and Co-Founder, RDSS LLC Salt Lake City, Utah

Michael Botticelli, MA*

Director of National Drug Control Policy at the White House, Washington, DC

David Baron, DO, MEd*

Vice Chair, Department of Psychiatry, Psychiatrist-in-chief, USC University and USC Norris Cancer Hospital, Keck Medicine at USC

Mark S. Gold, MD*

Emeritus Professor and Former Chair of Department of Psychiatry and McKnight Brain Institute, University of Florida, College of Medicine and Adjunct Professor, Department of Psychiatry, Keck Medical School, USC, and Department of Psychiatry, Washington University School of Medicine

Rajendra Badgaiyan, MD

CME Director
Professor of Psychiatry, University of Minnesota

Accepted*

Pricing:

Full Day \$500

Seminar including Luncheon \$250

- **Meet & Greet Cocktails for \$100 suppl**

Meet & Greet Cocktails \$150

Award Ceremony and Dinner \$250

\$1000 Platinum Sponsorship

Visit pathfoundationny.org for more info

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