



252nd ACS National Meeting
Pennsylvania Convention Center
105B (100 Level)

Monday, August 22, 2016
Philadelphia, PA
1:00 PM–5:00 PM

Kavli Symposium on Chemical Neurotransmission. What Are We Thinking?

Sponsored by the ACS Division of Analytical Chemistry (ANYL); The Kavli Foundation; ACS Immediate Past President Diane Grob Schmidt; *ACS Chemical Neuroscience*; *ACS Nano*; *ACS Central Science*; *ACS Chemical Biology*; *ACS Sensors*; *Analytical Chemistry* & *Journal of the American Chemical Society*

Cosponsored by BIOL, BIOT, BMGT, CARB, CHED, CINF, MEDI, MPPG, PMSE & SCHB

Organizers and Moderators: Anne Milasincic Andrews, Professor of Psychiatry and Chemistry & Biochemistry; Semel Institute for Neuroscience & Human Behavior, Hatos Center for Neuropharmacology, and California NanoSystems Institute; University of California, Los Angeles & Associate Editor, *ACS Chemical Neuroscience*

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Miyoung Chun, Executive Vice President of Science Programs, *The Kavli Foundation*
and

Paul S. Weiss, UC Presidential Chair and Distinguished Professor of Chemistry and Biochemistry and of Materials Science and Engineering; University of California, Los Angeles; California NanoSystems Institute & Editor-in-Chief, *ACS Nano*

SPEAKERS

Luke Lavis

Howard Hughes Medical Institute - Janelia Research Campus
21st Century Neuroscience: A Chemist's Perspective

Adam Cohen

Harvard University

Watching Neural Activity in the Dish and in the Brain

Paul Slesinger

Icahn School of Medicine at Mount Sinai

Realization of Cell-Based Optical Tools for Measuring Changes in Volume Transmission of Neuromodulators in vivo

Anne Milasincic Andrews

University of California, Los Angeles

In vivo Electronic Neurotransmitter Sensing

Rafael Yuste

Columbia University

The Novel Neurotechnologies

Walter Koroshetz

National Institute of Neurological Disorders and Stroke (NINDS)

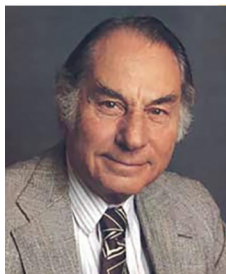
BRAIN Chemistry for the People

Dalibor Sames

Columbia University

Chemists to a Chemical Synapse:

Imaging and Repairing Synapses with Chemical Tools



Ernest L. Eliel International Event



ACS
Chemistry for Life®

252nd ACS National Meeting
Pennsylvania Convention Center
Room 124 (100 Level)

Tuesday, August 23, 2016
Philadelphia, PA
1:30 PM–5:00 PM

Connectivity and the Global Reach of Chemistry: Honoring the Life and Scientific Contributions of Ernest L. Eliel

Sponsored by the ACS Division of Organic Chemistry (ORGN); Cynthia A. Maryanoff, (Organizer); ACS Immediate Past President Diane Grob Schmidt (Organizer and Presiding); and Merck & Co., Inc. Cosponsored by ANYL, BIOT, BMGT, CARB, CHED, CINF, HIST, IAC, INOR, MEDI, MPPG, PMSE & SCHB

Jeffrey I. Seeman
University of Richmond
***Ernest L. Eliel: A Professional's
Professional***

William F. Bailey
University of Connecticut
***The Importance of Electrostatic
Interactions on the Conformational
Behavior of Substituted 1,3-Dioxanes***

Daniel García Rivera
University of Havana
***Interplay between Organocatalysis
and Multicomponent Reactions in
Stereoselective Synthesis***

Kenso Soai
Tokyo University of Science
***Asymmetric Autocatalysis and the
Origin of Homochirality***

Margarita Suárez Navarro
University of Havana
***Stereodivergent Synthesis of
Chiral Fullerenes***

Eusebio Juaristi y Cosío
National Polytechnic Institute of Mexico
***Theoretical Evidence for the Relevance
of $n(F) \rightarrow \sigma^*(C\lambda X)$ ($X = H, C, O, S$)
Stereolectronic Interactions***

Anthony S. Serianni
University of Notre Dame
***Saccharide Structure and Mechanism:
Walking In the Footsteps of Ernest Eliel***

American Chemical Society
**Division of
Organic
Chemistry**

 **MERCK**
Be well

125
YEARS
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