



16th SNIP Conference - April 13-17, 2010

Marriott Hotel, Manhattan Beach, CA

(Updated 02/02/2010)

SNIP Administrative Meetings

Tuesday, April 13, 2010

1:00 PM	Opening of Conference Office
3:00 – 4:00 PM	SNIP Executive Committee Meeting (President's Suite)
4:00 -6:30 PM	SNIP Meetings Committee
7:30 PM	SNIP Council Dinner

Conference Scientific Program

Wednesday, April 14, 2010

8:30 – 9:00 AM	Awards Committee
9:00 – 10:00 AM	Finance Committee
10:00 – 11:00 AM	Communications Committee
11:00 AM - Noon	Membership Committee
Noon – 1:15 PM	Lunch
1:15- 3:00 PM	Council Meeting and Committee Reports
2:00 PM	Conference Office opens
3:00- 6:00 PM	Registration Opens – put-up Posters for Session1

5:00 – 7:00 PM

Opening Reception

5:00 – 7:00 PM

POSTER SESSION I – Young Investigators Session

*Please have **ALL** posters mounted on the poster boards **BEFORE** 5:00 PM.*

Odd numbered posters are to be presented from 5 – 6 PM

Even numbered posters are to be presented from 6 – 7 PM

Please remove posters at end of this Poster Session

7:15 – 9:15 PM

Meet the Mentors Dinner: Hosted by Gayle Baldwin, Ph.D. (David Geffen School of Medicine at UCLA) and the Young Investigator Travel Award Committee

For Young Investigators who are presenting their work at the Conference and who have Confirmed their Dinner Reservation with the YITA Awards Committee

Thursday, April 15, 2010

7:30 – 8:30 AM

Continental Breakfast for Conference Registrants

Put up Posters for Poster Session II

8:30 – 8:40 AM

INTRODUCTION TO THE MEETING

Welcome from the Society on NeuroImmune Pharmacology

Yuri Persidsky, M.D., Ph.D. - SNIP President

(Temple University School of Medicine, Philadelphia, PA)

– Acknowledgement of NIH Staff and Officials

– Acknowledgement of Key Sponsors, Committees and Chairs

Guy A. Cabral, Ph.D., Chairman, SNIP Meetings Committee

(Virginia Commonwealth University School of Medicine, Richmond, VA)

- Conference Overview & Business

8:45 – 9:25 AM

PLENARY LECTURE I: Stuart Lipton, M.D., Ph.D. – Scientific Director, Burnham Center for Neuroscience, Aging, and Stem Cell Research

8:45 – 8:50

Introduction by **Yuri Persidsky, M.D., Ph.D.** - SNIP President
(Temple University School of Medicine, Philadelphia, PA)

8:50-9:25

Lecture: *“Molecular Mechanism of Decreased Adult Neurogenesis in the HIV-Infected Brain”*

9:30 AM – 12:00

SYMPOSIUM #1: *Effects of HIV-1 in Promoting Alcohol Addiction and Mechanisms of Associated Neurodegeneration*

Session Co-Chairs: Yuri Persidsky, M.D., Ph.D. – Temple University School of Medicine, Philadelphia, PA

He Li, Ph.D. – Tongji Medical College, Huazhong University of Science and Technology, Wuhan, Hubei, People’s Republic of China

9:30 – 10:00

Symposium Lecture: Fulton T. Crews, Ph.D. – Director: Bowles Center for Alcohol Studies, Pharmacology and Psychiatry, University of North Carolina- Chapel Hill

“Synergistic Effects of Alcohol and TLR Agonists in Neuroinflammation and Neurodegeneration”

10:00 – 10:25

Lecture 1: Kathleen A. Grant, Ph.D. - Senior Scientist, Oregon National Primate

Research Center, Portland, OR
"Longitudinal Analysis of Circulating Cytokines in a Monkey Model of Alcohol Self-Administration"

10:25 -10:45 **Coffee Break**

10:45 – 11:10 **Lecture 2: Consuelo Guerri, Ph.D** - Department of Cell Pathology, Centro de Investigacion Principe Felipe, Valencia, Spain
"Critical Role of TLR4 Response in the Ethanol-induced Microglia Activation and Neuroinflammation"

11:10 – 11:35 **Lecture 3: Yuri Blednov, M.D., Ph.D.** – Research Scientist, University of Texas in Austin
"Excessive Alcohol Consumption: An Inflammatory Disease? Lessons Learned from Mouse Models"

11:35 – 12:00 **Lecture 4: Yuri Persidsky, M.D., Ph.D.** – Temple University School of Medicine, Philadelphia, PA
"How HIV-1 CNS Infection Can Promote Alcohol Addiction"

12:00 – 1:00 PM Lunch on your own

1:00 – 2:00 PM SNIP Annual Business Meeting
All Society Members Welcome

2:00 – 4:00 PM POSTER SESSION II
GENERAL POSTER SESSION –

PROGRAM NOTE: Presenting authors for "odd-numbered" posters (T-1, T-3, T-5, etc.) should be at their posters from 2:00-3:00 PM to present their work and presenting authors for "even-numbered" posters (T-2, T-4, T-6, etc.) should be at their posters from 3:00-4:00 PM to present their work.

Please have ALL posters mounted on the poster boards BEFORE 2:00 PM.

Coffee Break at 3:30 PM during Poster Session

Remove all posters at the end of the session

4:00 – 6:00 PM SYMPOSIUM #2: *Opiates, Other Drugs of Abuse and Co-Infections*

Session Co-Chairs: **Ing-Kang Ho, Ph.D.** – National Health Research Institutes, Taiwan, R. O. C.

Kurt Hauser, Ph.D. – Virginia Commonwealth University, School of Medicine, Richmond, VA

Symposium Talks:

4:00 – 4:25 **Lecture 1: Kurt Hauser, Ph.D.** – Department of Pharmacology and Toxicology, Virginia Commonwealth University School of Medicine, Richmond, VA
"Coordinated Astroglial and Microglial Actions Mediate the Synergistic Inflammatory and Neurodegenerative Effects of Opioids in HIV-1 Encephalitis"

- 9:00 –9:45 **Symposium Lecture: Andre Nel, Ph.D.** – Chief, Division of Nanomedicine, David Geffen School of Medicine/UCLA, Los Angeles, CA
“An Overview of Nanomedicine”
- 9:45 – 10:05 **Lecture 1: Alexander V. Kabanov, Ph.D., Dr. Sc.** – Director, Center for Drug Discovery and Nanomedicine, University of Nebraska Medical Center, Omaha, NE
“Nanomedicines for Polypeptide Delivery to the CNS”
- 10:05-10:25 **Lecture 2: Philip S. Low, Ph.D.** – Ralph C. Corley Distinguished Professor-Biochemistry, Purdue University, West Lafayette, IN
“Use of Targeting Ligands to Deliver Therapeutic Agents to Pathologic Cells”
- 10:25 –10:45 **Coffee Break**
- 10:45 – 11:05 **Lecture 3: Madhavan Nair, Ph.D.** – Director, Center for Neuroimmune Pharmacology, College of Medicine, Florida International University, Miami, FL
“Multifunctional Magnetic Nanocarrier for Drug Targeting of Brain”
- 11:05-11:25 **Lecture 4: Howard E. Gendelman, M.D.** – Center for Neurovirology and Neurodegenerative Disorders, University of Nebraska Medical Center, Omaha, NE
“NanoArt”
- 11:30 - Noon PICK UP LUNCHES**
- 12:00 - 1:00 PM TECHNICAL WORKSHOP: *New NIH Initiatives, Grant Writing & Review Process***
Session Co-Chairs: **David Shurtleff, Ph.D.** (NIDA/NIH)/ **Abraham Bautista, Ph.D.** (NIAAA/NIH)
David Shurtleff, Ph.D. – Division of Basic Neuroscience and Behavioral Research/(NIDA/NIH)
Abraham Bautista, Ph.D. – Director, Office of Extramural Activities/ (NIAAA/NIH)
Srinivas Ranga, Ph.D. – Extramural Project Review Br./(NIAAA/NIH)
- 1:00 – 2:05 PM YOUNG INVESTIGATOR’S SYMPOSIUM**
Session Co-Chairs:
Gayle Baldwin, Ph.D. - David Geffen School of Medicine at UCLA
Albert Avila, Ph.D. - Division of Basic Neuroscience and Behavioral Research/NIDA
- 1:00 – 1:05 **Introduction to the YITA Symposium**
Pre-Doctoral Presentations:
- 1:05 – 1:20 **Xiuyan Huang** – Department of Pharmacology and Experimental Neuroscience, University of Nebraska Medical Center, Omaha, NE
“Functional Proteomic Analyses of CD4+ T Lymphocyte Surveillance of the HIV-1 Infected Macrophage”
- 1:20 – 1:35 **Sody Mweetwa Munsaka** – Neuroscience and MR Research Program, University of Hawaii, John A. Burns School of Medicine, Honolulu, HI
“Marijuana Use Worsens Cognitive Function but Does Not Change CSF Immune Markers in Subjects without HIV Associated Neurocognitive Disorder (HAND)”

Post-Doctoral Presentations:

- 1:35 – 1:50 **Ming Zhang, M.D., Ph.D.** – Department of Physiology, Temple University School of Medicine, Philadelphia, PA
“A Cannabinoid CB₂ Agonist Attenuated Leukocyte-Brain Endothelial Interaction and Blood-Brain Barrier Dysfunction Under Inflammatory Conditions”
- 1:50 – 2:05 **Peter J. Gaskill, Ph.D.** – Department of Pathology, Albert Einstein College of Medicine, Bronx, NY
“Mechanisms of Dopamine Mediated Increase in HIV Infection of Human Macrophages”
- 2:15-7:00 PM** **Free Time or Trip to Getty Museum**
- 7:00 – 9:30 PM** **Journal of Neuroimmune Pharmacology Editorial Board Meeting**
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Saturday, April 17, 2010

- 7:30 – 9:00 AM** **Continental Breakfast for Conference Registrants**
- 9:00 – 9:55 AM** **PLENARY LECTURE II: Vincenzo Di Marzo, Ph.D.** – Istituto di Chimica Biomolecolare, Consiglio Nazionale delle Ricerche, Pozzuoli, Italy
- 9:05 – 9:10 Introduction by **Guy Cabral**
- 9:10 – 9:50 *“Endocannabinoids and Related Lipid Mediators: A General Introduction and Emerging Role in Neuroinflammatory Disorders”*
- 10:00 – 12:00 AM** **SYMPOSIUM #4: Neuroimmunopharmacology and the Cannabinoid System**
Session Co-Chairs: **Martin Adler, Ph.D.** – Temple University School of Medicine, Philadelphia, PA
Guy A. Cabral, Ph.D. – Department of Microbiology and Immunology, Virginia Commonwealth University, School of Medicine, Richmond, VA
- 10:00 – 10:20 **Lecture 1: R. Bryan Rock, M.D.** – Department of Medicine, University of Minnesota Medical Center, Minneapolis, MN
“Protective Role of Synthetic Cannabinoids in gp120-induced Neurotoxicity”
- 10:20 – 10:40 **Coffee Break**
- 10:40 – 11:00 **Lecture 2: Aron Lichtman, Ph.D.** – Virginia Commonwealth University School of Medicine, Richmond, VA
“Targeting Endocannabinoid Catabolic Enzymes to Treat Inflammatory Pain”
- 11:00 – 11:20 **Lecture 3: Norbert Kaminski, Ph.D.** – Department of Pharmacology and Toxicology, Michigan State University, East Lansing, MI
“Enhanced Anti-influenza Immune Responses Are Associated with Targeted Deletion of both Cannabinoid Receptors, CB₁ and CB₂”
- 11:20 – 11:40 **Lecture 4: Ronald Tuma, Ph.D.** – Temple University School of Medicine, Philadelphia, PA
“SR141716A, Unexpected Actions”

11:45 – 12:45 AM Pick-up box lunches

12:45 – 2:30 PM **SYMPOSIUM #5:** *Recent Advances in the Activities of Tobacco Smoke*

Session Co-Chairs: **Thomas Rogers, Ph.D.** – Temple University School of Medicine, Philadelphia, PA

Mohan Sopori, Ph.D. – Lovelace Respiratory Research Institute, Albuquerque, NM

Symposium Talks:

- 12:45 – 1:05 PM **Lecture 1: Thomas Rogers, Ph.D.** - Temple University School of Medicine, Philadelphia, PA
The Immunopathology Associated with Cigarette Smoking: It May Be Worse than you Think
- 1:05 – 1:55 **Lecture 2: Nancy Kerkvliet, Ph.D.** – Oregon State University, Corvallis, Oregon
“Immunoregulation by the Aryl Hydrocarbon Receptor (AHR)”
- 1:55 – 2:15 **Lecture 3: Imad Damaj, Ph.D.** –Department of Pharmacology and Toxicology, Virginia Commonwealth University, Richmond, VA
“Differential Contribution of Neuronal Nicotinic Acetylcholine Receptors to Nicotine Dependence: Recent Progress and Emerging Opportunities”
- 2:15 – 2:35 **Lecture 4: Mohan Sopori, Ph.D.** – Lovelace Respiratory Research Institute, Albuquerque, NM
“Role of GABA Receptors in Cigarette Smoke/Nicotine-induced Chronic Bronchitis”
- 2:35 – 3:00 **Coffee/Tea Break**

3:00 – 4:40 PM **SYMPOSIUM #6:** *Epigenomic Regulation in Neuroscience and HIV Infection*

Session Co-Chairs: **Diane Lawrence, Ph.D.** – National Institute on Drug Abuse, National Institutes of Health

Howard Fox, Ph.D., M.D. – University of Nebraska Medical Center, Omaha, NE

Symposium Talks:

- 3:00 – 3:20 **Lecture 1: Yi Sun, Ph.D.** – Associate Academic Director, Broad Center for Stem Cell Research, Molecular and Medical Pharmacology, UCLA
“DNA Methylation and Neuronal Differentiation”
- 3:20 – 3:40 **Lecture 2: Lisa Monteggia, Ph.D.** – Department of Psychiatry, UT Southwestern Medical Center at Dallas
“Role of Histone Deacetylases (HDACS) in Regulating Synapse Function”
- 3:40 – 4:00 **Lecture 3: Melanie Ott, M.D., Ph.D.** – Gladstone Institute of Virology and Immunology, University of California, San Francisco
“Regulation of HIV Transcription by Tat Methylation”
- 4:00 – 4:20 **Lecture 4: Sowmya V. Yelamanchili, Ph.D.** – University of Nebraska Medical Center, Omaha, NE
“Dysregulation of Neuronal MicroRNA Expression in SIV/HIV Associated Neurological Disease”
- 4:20 – 4:40 **Lecture 5: Kenneth Witwer** – Molecular and Comparative Pathobiology, The Johns Hopkins University, Baltimore, MD
“IFN β -modulating MicroRNAs in Lentivirus-associated CNS Disease”

7:00 – 10:00 PM EVENING BANQUET AND AWARDS CEREMONY

Hosted by **Toby Eisenstein, Ph.D.** - incoming SNIP President

Special Dinner Presentation: **Patricia Molina, M.D., Ph.D.** – Louisiana State
University Health Science Center, New Orleans, LA

“Alcohol, Drugs of Abuse, and HIV: Beyond Risk Factors”

Meeting Adjourned!

Sunday, April 18, 2010 – Departure Day