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A Symposium Marking the 40th Anniversary of the UCLA Neuropsychiatric Institute and Brain Research Institute

Friday, February 8, 2002
NPI Auditorium, UCLA
### Course

Ever since their beginnings forty years ago, the UCLA Neuropsychiatric Institute and the Brain Research Institute have been closely intertwined organizationally and, more importantly, intellectually. Researchers in both institutes have been engaged in a nearly half-century odyssey to understand the mind, the brain, and its disorders from a variety of perspectives, ranging from the social and cultural to the genetic and molecular. To celebrate this history and diversity, we have invited internationally renowned scholars to discuss their work. Each of these researchers has made fundamental contributions to our understanding of the nature of psychiatric disorder and the brain.

### Program Chair

Joel Brasky, M.D., Ph.D.,
Associate Professor, Departments of Psychiatry and Biobehavioral Sciences and History
Director, UCLA Neuroscience History Archives

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Many of the speakers will highlight breakthrough research on dopamine and its role in psychiatric disorders ranging from the addictions to schizophrenia. The significance of the research presented at this symposium, however, extends far beyond a single molecule or brain system. The work of these researchers exemplifies the broad connections between mind and brain, psychiatry and neuroscience, and bedside and laboratory. To this end, the speakers will address historical, clinical, and neurobiological aspects of dopamine and their relationship to the broader questions of psychiatry and neuroscience.

Participants will receive a detailed syllabus including lecture outlines and reference materials. As part of this symposium and the celebration of the two Institutes' 40th anniversaries, we have constructed a web-based history. This can be found at http://www.neurosciencearchives.org/ucla-bri-npi-history.htm.

### Planning Committee

- **Joel Braslow, M.D., Ph.D. (Chair)**
- Sharon Chavez
- Marie-Francoise Cheuselet, M.D., Ph.D.
- Rawam I. Rawam, M.D.
- David Krantz, M.D., Ph.D.
- Michael Levine, Ph.D.
- Andrew Leuchter, M.D.
- Stephen Mazder, M.D.
- Amy Sanders
- Allan Tobin, Ph.D.
- Peter Whybrow, M.D.

### Symposium Schedule

#### Registration

7:45 Registration

8:15 Introductory Remarks

Peter Whybrow, M.D., and Allan Tobin, Ph.D.

### Historical Aspects

#### 8:30

**Madness: From the Age of Enlightenment to the Decade of the Brain**

Andrew Scull, Ph.D.

#### 9:15

**The Discovery of Dopamine: Implications for Psychiatry and Neuroscience**

Jacques Glowinski, Ph.D.

10:00 Break

### Clinical Aspects

#### 10:15

**Drug Inside the Human Brain**

Nora Volkow, M.D.

#### 11:00

**Prefrontal Dopamine and a Genetic Mechanism of Schizophrenia**

Daniel Weinberger, M.D.

11:45 Lunch

### Neurobiological Aspects

#### 1:45

**Deciphering the Prefrontal Cortex and its Role in Cognition and Schizophrenia**

Patricia Goldman-Rakic, Ph.D.

2:30

**Differentiation of Dopaminergic Neurons**

Ronald McKay, Ph.D.

#### 3:15

**Lessons Learned from the Dopamine Transporter Knockout Mice**

Marc Caron, Ph.D.

4:00 Break

### Future Directions

#### 4:15

**Past, Present, and Future: NIMH/BRI and the State of Neuroscience and Psychiatry**

Jack Barchas, M.D.

### Reception

5:30-7:30 UCLA Faculty Center

### Participants

- Jack D. Barchas, M.D.
- Baddie McEwan, Henry Professor and Chair, Department of Psychiatry, Weill Medical College of Cornell University
- Arvid Carlsson, M.D.
- Professor, Department of Pharmacology, University of Göteborg
- Marc G. Caron, Ph.D.
- James B. Duke Professor of Cell Biology, Duke University Medical Center
- Jacques Glowinski, Ph.D.
- Professor, Chaire de Neuropharmacologie, College de France
- Patricia Goldman-Rakic, Ph.D.
- Eugene Higgins Professor of Neurobiology, Yale University
- Ronald McKay, Ph.D.
- Chief, Laboratory of Molecular Biology, NIH/NINDS
- Andrew Scull, Ph.D.
- Professor, Department of Psychiatry, University of California, San Diego
- Allan Tobin, Ph.D.
- Director, UCLA Brain Research Institute
- Professor, Physiological Science and Neurology, University of California, Los Angeles
- Nora D. Volkow, M.D.
- Professor, Department of Psychiatry, SUNY-SB
- Daniel R. Weinberger, M.D.
- Chief, Clinical Brain Disorders Branch, IRP, NIH/NIMH
- Peter Whybrow, M.D.
- Director, UCLA Neuropsychiatric Institute
- J. Judson Brain Professor and Executive Chair, Department of Psychiatry and Biobehavioral Sciences
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Michael Levine, Ph.D.
Andrew Leucht, M.D.
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Peter Whybrow, M.D.

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