Past Symposia

Receptors and Ion Channels
Neuro-oncology
Epilepsy
Drugs of Abuse
Neuroplasticity: Recovery and Repair
Brain Microenvironment
Oxidative Stress and Brain Pathology
G-Proteins and Neuropathologies

Central Virginia Chapter of the Society for Neuroscience

Fifteenth Annual Neuroscience Symposium

GENOMIC APPROACHES TO NEUROSCIENCE: PROFILING GENE EXPRESSION WITH DNA ARRAYS

The organizers would like to acknowledge the Departments of Anatomy and Neurobiology, Biochemistry and Molecular Biophysics, Pharmacology and Toxicology, and Physiology, the Division of Neurosurgery, the Graduate Program in Neuroscience, and the Institute for Drug Abuse Studies for their most generous support of the 15th Annual Neuroscience Symposium.

MONDAY, MARCH 25, 2002
8:45 a.m. - 4:00 p.m.
MCV Alumni House
Morning Session

KEVIN BECKER, Ph.D.
DNA Array Unit
National Institute on Aging, N.I.H.

Applications of cDNA Arrays in Neuroscience

JAMES EBERWINE, Ph.D.
Pharmacology and Psychiatry
Univ. Pennsylvania

Molecular Analysis of the Single Cell: mRNA to Protein

Afternoon Session

KAROLY MIRNICS, M.D.
Psychiatry
Univ. Pittsburgh

Analysis of Psychiatric Disorders Using Gene Expression Microarrays

KENT VRANA, Ph.D.
Physiology and Pharmacology
Wake Forest Univ.

Molecular Target Identification in Substance Abuse

MICHAEL MILES, M.D., Ph.D.
Pharmacology and Toxicology
Virginia Commonwealth Univ.

A Functional Genomics Approach to Complex Diseases of the Nervous System

Schedule of Events

8:45 a.m.  Registration

9:15 a.m.  Welcome
Dr. Linda Phillips
Anatomy and Neurobiology

Introductory Remarks
Dr. Gregory Buck
Microbiology and Immunology
Center for the Study of Biological Complexity

9:30 a.m.  Dr. Kevin Becker

10:30 a.m.  Coffee Break

11:00 a.m.  Dr. James Eberwine

12:00 p.m.  Dr. Karoly Mirnics

1:00 p.m.  Lunch Break

2:00 p.m.  Dr. Kent Vrana

3:00 p.m.  Dr. Michael Miles

4:00 p.m.  Reception