



2005 AMERICAN PHYSIOLOGICAL SOCIETY CONFERENCE

# Neurohypophyseal Hormones: From Genomics and Physiology to Disease

July 16-20, 2005  
Steamboat Springs,  
Colorado

## Deadlines:

Abstracts: February 16, 2005

Registration: June 1, 2005

Housing: June 1, 2005

**Purpose of Meeting:** This meeting will bring together young scientists and established researchers working on all aspects of NH system physiology in a wide range of disciplines including neuroscience, endocrinology, and renal and cardiovascular physiology. The meeting will provide a strong and focused scientific program—exploring aspects of NH system research ranging from molecular and secretory physiology—to the roles of the hormones in homeostasis, behavior, and disease. By incorporating these topics in a single program, this meeting will foster integrative approaches and collaborations as well as provide opportunities for scientists to stay informed about all aspects of the system that they are investigating. Most importantly this meeting will give scientists opportunities to discuss and explore the most recent advances in NH system research so that these advances can be used to their fullest potential.

**Who should Attend?** Physicians and basic scientists in the fields of **Endocrinology, Nephrology, Cardiology, Neuroscience, Renal and Cardiovascular Physiology, and Water and Electrolyte Balance** will want to attend. This meeting will continue the tradition of prior World Congresses on Neurohypophyseal Hormones by **integrating issues ranging from genomic/molecular issues to whole body homeostasis to pathophysiology.**

## Organizing Committee

**Celia Sladek**  
(Chair)

Professor of Physiology  
University of Colorado Health  
Sciences Center

**Robert Schrier**  
(Co-Chair)

Professor of Medicine  
University of Colorado Health  
Sciences Center

**William Armstrong**  
Professor of Anatomy and  
Neurobiology  
University of Tennessee  
School of Medicine

**J. Thomas Cunningham**  
Associate Professor of  
Pharmacology  
University of Texas  
Health Sciences  
Center, San Antonio

**Joseph Verbalis**  
Professor of Medicine  
and Physiology  
and Head of  
Endocrine Division  
Georgetown  
University School  
of Medicine

## Preliminary Program.....

### Keynote Speakers

#### Aquaporins and Human Disease

Peter Agre  
Johns Hopkins University School of Medicine,  
Nobel Laureate

#### Subcellular Localization of Steroid Receptors: Role in NH Hormone Release

Mitsuhiro Kawata  
Kyoto Prefectural University  
of Medicine, Japan

#### Oxytocin, Vasopressin, and Autism

Larry Young  
Emory University School of  
Medicine

### Symposia

#### Renal Actions of NH hormones: Molecular/ Physiological

Robert Schrier (Chair)  
Sei Sasaki (Chair)  
Heddwen Brooks  
Mark Knepper  
Jeff Sands  
Alan Verkman

#### Pressure/Volume Regulation of VP/OT Release

Tom Cunningham (Chair)  
Leo Renaud (Chair)  
Robin Davisson  
Mariana Morris  
Sean Stocker

#### Central Control of Lactation

Bill Armstrong (Chair)  
Glenn Hatton (Chair)  
Steve Bealer  
Dionysia Theodosis

#### Osmotic Regulation of VP/OT Release

Mike McKinley (Chair)  
Charles Bourque  
Masaharu Noda  
Brian Oldfield  
Ed Stricker

#### Renal Actions of NH Hormones: Pathophysiology

Jeff Sands (Chair)  
Peter Gross (Chair)  
Chris Baylis  
Soren Nielsen  
Daniel Bichet

#### Coexpressed Factors in VP and OT Neurons

Francois Moos (Chair)  
W.K. Samson (Chair)  
Andre Calas  
Catherine Llorens-Cortes  
David Murphy  
Yoichi Ueta

#### Peripheral Actions of OT

Hans Zingg (Chair)  
Barbara Sanborn  
Melvyn Soloff

#### Central Release and Actions of NH Hormones

Quentin Pittman (Chair)  
Larry Young (Chair)  
C. Sue Carter  
Mike Ludwig  
Gareth Leng  
Linda Rinaman

#### NH Hormone Receptors

Bernard Mouillac (Chair)  
Michel Bouvier  
Bice Chini

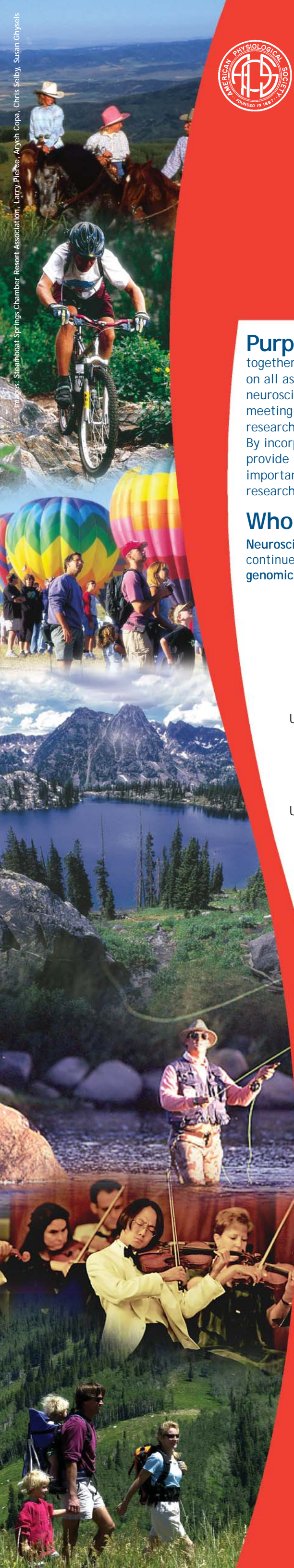
#### Clinical Utility of NH Receptor Analogs

Joseph Verbalis (Chair)  
Maurice Manning (Chair)  
David Brooks

## CONTACT US TODAY

to request your *Call for Papers*, Registration Information, and information about Travel Awards and CME Credits

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