

## Agenda

### Day 1: Monday, June 8, 2009

9:00-9:45 am **Introductory Lecture: GNAS Mutations and Endocrine Disorders**  
L.S. Weinstein  
National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda,  
Maryland

9:45-10 am **Break**

#### Session I

##### **PKA: Structure and Function and Insight from Human Disease and Mice**

10:00-10:30 am S. Taylor  
University of California, San Diego, California  
**Title of talk: TBA**

10:30-11:00 am K. Taskén  
University of Oslo, Norway  
**AKAP specificity and spatial dynamic of PKA regulatory subunits**

11:00-11:30 am C. Stratakis  
*Eunice Kennedy Shriver* National Institute of Child Health and Human  
Development, Bethesda, Maryland  
**Insight on cAMP pathway dysregulation in endocrine tumors from the study  
of PRKAR1A mutations**

11:30 am-12:00 pm **Break (Poster Viewing)**

12-12:30 pm L. Kirschner  
Ohio State University, Columbus, Ohio  
**Insight on PKA from PRKAR1A targeted inactivation in transgenic mice**

12:30-1:00 pm A. Lania  
University of Milan, Italy  
**Expression and function of PKA regulatory units in endocrine-related tissues**

1:00-1:30 pm G. Langsley  
Faculté de Médecine Paris Descartes - Hôpital Cochin, Paris, France  
**AMP-dependent protein kinase in infectious diseases**

1:30-2:30 pm **Lunch Break (Poster Viewing)**

#### Session IIA

##### **GNAS Locus: Structure and Function**

2:30-3:00 pm G. Kelsey  
The Babraham Institute, Cambridge, United Kingdom  
**Imprinted genes and energy homeostasis**

3:00-3:30 pm H. Jüppner  
Massachusetts General Hospital and Harvard Medical School, Boston,  
Massachusetts  
**The *GNAS* locus and Pseudohypoparathyroidism**

3:30- 4:00 pm **P. Bianco**  
La Sapienza University, Rome, Italy  
***GNAS* transcripts in skeletal progenitors**

4:00-4:30 pm **Break (Poster Viewing)**

**Session IIB**  
**Human Diseases Associated with *GNAS* Mutations**

4:30-5:00 pm G. Mantovani  
University of Milan, Italy  
**Clinical and laboratory findings in patients with epigenetic defects at the  
*GNAS* locus**

5:00-5:30 pm Eileen Shore  
The University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania  
**Diagnostic and mutational spectrum of progressive osseous heteroplasia  
(POH) and other forms of *GNAS*-based heterotopic ossification**

5:30- 6:00 pm K. Freson  
University of Leuven, Leuven, Belgium  
**XLalpha, its cofactor ALEX and blood platelet function**

7:00 pm–10:00 **Dinner**

**Day 2: Tuesday, June 9, 2009**

**Session IIIA**

**PDEs: Structure and Function**

9:00-9:30 am

M. Conti  
University of California, San Francisco, California  
**Cyclic Nucleotide Phosphodiesterases: Molecular Regulation**

9:30-10:00 am

G. Vandecasteele  
Faculté de Pharmacie, Châtenay-Malabry Cedex, France  
**Spatiotemporal dynamics of cAMP signals: lessons from myocytes**

10:00-10:30 am

M.D. Houslay  
University of Glasgow, Glasgow, Scotland, United Kingdom  
**PDEs in cAMP cell signalling compartmentalization**

10:30-11:00 am

**Break (Poster Viewing)**

**Session IIIB**

**PDEs in Human Diseases**

11:00-11:30 am

J. Bertherat  
Institute Cochin, Paris, France  
**Genetics of Phosphodiesterase 11A in patients with ACTH independent adrenocortical lesions**

11:30 am-12:00 pm

A. Horvath  
*Eunice Kennedy Shriver* National Institute of Child Health & Human Development,  
Bethesda, Maryland  
**PDE8B, PDE7A and other cAMP-binding PDEs and endocrine tumorigenesis**

12:00-12:30 pm

Dr. J. Beavo  
University of Washington, Seattle, Washington  
**PDE as therapeutic targets**

12:30-1:00pm

Dr. V. Manganiello  
National Heart, Lung, and Blood Institute, Bethesda, Maryland  
**Role of PDE3B in Regulation of Energy Homeostasis**

1:00-1:30 pm

**Concluding Remarks**

1:30-2:30 pm

**Poster Viewing**  
(Posters to be removed by 3 pm)