The University of Pennsylvania and The Children’s Hospital of Philadelphia present:

The 2nd Biannual Cystic Fibrosis Research Retreat
June 10, 2010 • Philadelphia, PA

Invited Speakers:
Dr. Peter Durie
(The Hospital for Sick Children)
Dr. John F. Engelhardt
(University of Iowa)
Dr. Eric Olson
(Vertex Pharmaceuticals)

Speakers:
Dr. Noam A. Cohen
(Otorhinolaryngology)
Dr. Denis Hadjiliadis
(Pulmonary and Critical Care)
Dr. Andrea Kelly
(Pediatrics)
Dr. James L. Kreindler
(Pediatrics)
Dr. Todd Lamitina
(Physiology)
Dr. Robert J. Lee
(Physiology)
Dr. Zhe Lu
(Physiology)
Dr. Ronald C. Rubenstein
(Pediatrics)
Dr. Michael S. Stalvey
(UMass)

Chairs:
Dr. J. Kevin Foskett
(Physiology)
Dr. Maria P. Limberis
(Pathology & Laboratory Medicine)
Dr. Maria Mascarenhas
(Pediatrics)
Dr. James M. Wilson
(Pathology & Laboratory Medicine)

Organizers:
Maria P. Limberis & Robert J. Lee

Deadline for Abstract submission and Registration is May 24th, 2010.

Attendance at this meeting is FREE upon registration. For more information please contact us at: CFretr10@mail.med.upenn.edu

Topics include:
Airway ion transport
Advances in CF animal models
CF-related diabetes
Atypical CF
Adult lung transplantation
Advances in pediatric and adult CF care
Current status of clinical trials
NEW: Oral presentation of top 3 abstracts

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The Opening Lecture “Phenotypic Characterization of a CFTR Knockout Ferret Model” will be presented by Dr. John F. Engelhardt, Director of the Center for Gene Therapy, Professor and Head of the Department of Anatomy and Cell Biology, and Professor of Internal Medicine, and Roy J. Carver Chair in Molecular Medicine at the University of Iowa Roy J. and Lucille A. Carver College of Medicine. Dr. Engelhardt’s research focuses on the study of lung molecular and cellular biology as it relates to the pathogenesis and treatment of cystic fibrosis lung disease, as well as dissecting the pathogenesis of lung disease in animal models of cystic fibrosis.

The Keynote Speaker is Dr. Peter Durie, Professor of Pediatrics at the University of Toronto who will present on “What is Cystic Fibrosis?”. Dr. Durie is a Senior Scientist in the program for Physiology and Experimental Medicine, Director of Cystic Fibrosis Research, and Staff Physician in the Division of Gastroenterology and Nutrition at the Hospital for Sick Children. Dr. Durie is an expert in the diagnosis and care of children with inherited disorders of the exocrine pancreas, including cystic fibrosis, and his research focuses on elucidating the pathophysiological basis of cystic fibrosis, understanding the correlations between CFTR genotype and patient phenotype, and identifying genetic modifiers of cystic fibrosis disease.

The Closing Lecture “The Power of the CF Community: Advancing Investigational CFTR-targeted Therapies” will be presented by Dr. Eric Olson, Vice President and Cystic Fibrosis Franchise Leader at Vertex Pharmaceuticals. In collaboration with Cystic Fibrosis Foundation Therapeutics, Dr. Olson and Vertex have been at the forefront of the discovery and development of potentiators and correctors of mutant CFTR. Dr. Olson has been working on the cystic fibrosis program since joining Vertex in 2001. Prior to that, he worked extensively in the fields of bacterial gene expression and new antibiotic discovery at Warner-Lambert and Upjohn Pharmaceuticals (both now Pfizer).

The deadline for Registration & Abstract Submission is Monday, May 24, 2010. We strongly encourage the participation of graduate students, post-docs and clinical fellow students in the lunch-time poster session. Three abstracts will be chosen for oral presentation. Prizes will be given for the best poster and oral presentations.

Questions? Email CFretr10@mail.med.upenn.edu
For information about FREE registration, please visit http://www.med.upenn.edu/gtp/education.shtml
Cystic Fibrosis Research Retreat Program

08:00-08:50 AM  ON-SITE REGISTRATION / REFRESHMENTS
08:00-08:50 AM  POSTER & EXHIBITS SETUP
08:50-09:00 AM  WELCOME Maria P. LIMBERIS, PhD
09:00-09:15 AM  SPECIAL LECTURE: Kathi NOVELLI CLAPHAM
                 Fighting for my Life...One Breath at a Time

SESSION 1

09:15-09:20 AM  INTRODUCTION
09:20-10:15 AM  OPENING LECTURE: John F. ENGELHARDT, PhD
                 Intro: James M. WILSON, MD, PhD
                 Phenotypic Characterization of a CFTR Knockout Ferret Model

10:15-10:35 AM  Noam A. COHEN, MD, PhD
                 Altered Cilia Beat Frequency in the CF Mouse Model
10:35-10:55 AM  Todd LAMITINA, PhD
                 Genetic dissection of CFTR Quality Control Mechanisms in C. elegans
10:55-11:10 AM  COFFEE BREAK

SESSION 2

11:10-11:15 AM  INTRODUCTION
11:15-11:35 AM  James L. KREINDLER, MD
                 Interleukin-17A: Linking Anion Transport and Innate Immunity in Airway Epithelial Cells
11:35-11:55 AM  Zhe LU, MD, PhD
                 Antioxidant Thiocyanate and Cystic Fibrosis
11:55-12:15 PM  Robert J. LEE, PhD
                 Molecular mechanisms of CFTR-dependent fluid secretion by airway submucosal gland serous cells

SESSION 3

12:15-12:20 PM  INTRODUCTION
12:20-12:35 PM  ABSTRACT #1
12:35-12:50 PM  ABSTRACT #2
12:50-01:05 PM  ABSTRACT #3
01:05-02:10 PM  LUNCH / POSTER SESSION / NETWORKING
02:10-03:05 PM  KEYNOTE LECTURE: Peter DURIE, MD
                 Intro: Ronald C. RUBENSTEIN, MD, PhD
                 What is Cystic Fibrosis?

SESSION 4

03:05-03:10 PM  INTRODUCTION
03:10-03:25 PM  Denis HADJILIADIS, MD
                 Lung Transplantation for Cystic Fibrosis
03:25-03:40 PM  Andrea KELLY, MD
                 Cystic Fibrosis Related Diabetes: An Update
03:40-03:55 PM  Michael S. STALVEY, MD
                 CF Bone Disease: Insights into a Growing Problem
03:55-04:10 PM  Ronald C. RUBENSTEIN, MD, PhD
                 Translation of Novel Therapeutic Strategies for CF into the Clinics
04:10-04:25 PM  COFFEE BREAK
04:25-05:20 PM  CLOSING LECTURE: Eric OLSON, MD
                 Intro: J. Kevin FOSKETT, PhD
                 The Power of the CF Community: Advancing Investigational CFTR-targeted Therapies
05:20-05:30 PM  Awards Presentation Julian Allen, MD
05:30-05:40 PM  CONCLUDING REMARKS James M. WILSON, MD, PhD
05:40-08:00 PM  NETWORKING RECEPTION