Tuesday, May 2, 2005

6:15pm – Meet at the Gateway Arch Riverboats

Dinner & Riverboat Cruise

PC Project Goals and Achievements 2004-2005

Wednesday, May 3, 2005

7:15am—8:45am – Breakfast

Location: Washington D — America's Center

Program

Clinical, Structure and Function

9:00 - 9:15	Sancy A. Leachman, MD, PhD. University of Utah Introduction and Meeting Objectives Clinical and Registry Update
9:20 - 9:30	Philip Fleckman, MD. University of Washington The National Registry for Ichthyosis and Related Disorders
9:35 - 9:45	Frances J. Smith, PhD. University of Dundee Results of Genetic Tests for Pachyonychia Congenita
9:50 - 10:00	Caroline Fitchett, PhD. Queen Mary, University of London Functional effects of Pachyonychia Congenita Type I mutations on keratinocyte migration and proliferation
10:05 - 10:15	Maurice van Steensel, MD, PhD. University Hospital Maastricht Gap junction regulation of keratin expression
10:15 - 10:25	Break

Therapeutics and Models

10:30 - 10:45	Roger Kaspar, PhD. SomaGenics / TransDerm Skin Delivery Models and Technology
10:50 - 11:05	Irwin McLean, PhD, DSc. University of Dundee Drug discovery for the treatment of Pachyonychia Congenita
11:10 - 11:25	Leonard Milstone, MD. Yale University Inactivation of Keratin 6a by Sequence-Specific Gene Targeting [also Cell Lines Developed by Rudolph Leube for Pachyonychia Congenita...]
11:30 - 11:45	Dennis Roop, MD and Jiang Chen, MD. Baylor University Generating an Inducible Mouse Model for Pachyonychia Congenita
11:50 - 12:00	Discussion

Wednesday, May 3, 2005

12:00 - 1:00 Working Lunch— Discussion and Box Lunch

Program

1:00 - 1:15 Carl Swartling, MD, PhD. University Hospital of Uppsala, Sweden.
Treatment of Pachyonychia congenita with plantar injections of botulinum toxin

1:20 - 1:35 Edel O'Toole, MD, PhD, MRCP. Queen Mary, University of London.
Development of an in Vitro Model of Pachyonychia Congenita

1:40 - 1:55 Todd Ridky, MD, PhD. Stanford University
Keratin Mutations and Squamous Cell Carcinoma Invasion

2:00 - 2:15 Pierre Coulombe, PhD. Johns Hopkins University School of Medicine.
Exploiting functional redundancy as a therapeutic strategy to overcome the debilitating aspects of keratinopathies

2:20 - 3:00 Discussion