

PROGRAM
1st ADVANCES IN RARE BONE DISEASES CONFERENCE

Wednesday, October 22, 2008		
6:00 PM	Reception and dinner for participants	

Thursday, October 23, 2008		
8:00-8:30 AM	Introductions and Welcome	Drs. Craig Langman and Michael Econs
	Opening Remarks	NIH Institute Directors
8:30-9:15 AM	Plenary Lecture: Small Molecule Therapy for Rare Diseases and Rational Drug Design	Dr. Jeffrey Kelly: Skagg Institute for Chemical Biology at the Scripps Research Institute
9:15-10:00 AM	Plenary Lecture: Conserved Non-coding Segments in the Genome	Dr. Edward Rubin: Lawrence Berkeley National Laboratory
10:00-10:30 AM	Break	
10:30-11:15 AM	Plenary Lecture: Modifier Genes: Lessons from Cystic Fibrosis	Dr. Garry R. Cutting: Aetna/U.S. Healthcare, Professor, Pediatrics, and Medicine Director, Medical Genetics Training Program Director, DNA Diagnostic Laboratory
11:15-12:00	Plenary Lecture: Tissue Nano Engineering	Dr. Samuel I. Stupp: Professor, McCormick School of Engineering, Northwestern University
12:00-1:30 PM	Box Lunch Lecture: Orphan Drugs and the FDA	Dr. Timothy Cote: Director, Office of Orphan Products Development, FDA
1:30-3:15 PM	Young Investigator Presentations	
	Osteogenesis Imperfecta Fibrous Dysplasia Hypophosphatasia X-linked Hypophosphatemia Fibrodysplasia Ossificans Progressiva Hypoparathyroidism Lymphangiomatosis & Gorham's Disease	Antonella Forlino Bianco Lab (TBN) Manisha Yadav Farzana Perwaad TBD Michael Mannstadt TBD
3:15-3:30 PM	Break	
3:30-4:00 PM	State of the Art Lecture: Molecular Development of the Skeleton	Dr. Bjorn Olsen: Professor of Cell Biology, Harvard Medical School
4:00-4:30 PM	State of the Art Lecture: Nervous System Control of Skeletal Diseases	Dr. Gerard Karsenty: Professor of Genetics and Development, Columbia University Medical Center
4:30-5:00 PM	State of the Art Lecture: Osteocytes	Dr. Lynda Bonewald; Professor of Oral Biology, University of Missouri School of Dentistry
5:00-5:15 PM	Summary and Closing Remarks	Drs. Craig Langman and Michael Econs
Evening Activities	Dinner Lecture: Industry View of Orphan Diseases	Dr. Edward Kaye, VP for Research, Genzyme Corporation
Evening Activities	Fireside Chats on Specific Disease-oriented Topics to Facilitate Interaction Between Presenters and Attendees	

Friday, October 24, 2008

Talk With the Experts on Hot Topics
(10 minute presentations + 20 minutes of Panel/Audience Discussion)

8:00-8:30 AM	Osteogenesis Imperfecta	Drs. Joan Marini and Francis Glorieux; Senior Investigator NICHD and Professor of Surgery, McGill University
8:30-9:00 AM	Fibrous Dysplasia	Dr. Michael Collins; Chief, Skeletal Clinical Studies Unit, NIDCR
9:00-9:30 AM	Melorheostosis	Dr. Geert Mortier: Professor of Medical Genetics, Ghent University
9:30-10:00 AM	Osteopetrosis	Dr. Lyndon Key: Professor of Pediatrics, Medical University of South Carolina
10:00-10:30 AM	Break	
10:30-11:00 AM	Hypophosphatemic Rickets	Dr. Thomas Carpenter: Professor Pediatrics, Yale University School of Medicine
11:00-11:30 AM	Fibrodysplasia Ossificans Progressive	Dr. Frederick S. Kaplan: Isaac & Rose Nassau Professor of Orthopaedic Molecular Medicine; Chief, Division of Orthopaedic Molecular Medicine; Director, Center for Research in FOP & Related Disorders
11:30 AM-12:00 PM	Hypophosphatasia	Dr. Michael Whyte: Professor of Medicine, Washington University School of Medicine
12:00-12:30 PM	Lymphangiomatosis & Gorham's Disease	Dr. John D. Reith: Associate Professor of Pathology, Immunology, and Laboratory Medicine, Director, Unit of Bone and Soft Tissue Pathology, Shands Hospital, University of Florida College of Medicine
12:30-1:30 PM	Working Lunch Lecture: From Molecule to Bedside	Dr. Stephen Groft: Director, Office of Rare Diseases, NIH
1:30-3:30 PM	Group Discussions and Consensus Building for Becoming an Advocate for the Better Understanding of Rare Bone Diseases	Panelists, Attendees, Patient Advocates, United States Bone and Joint Decade
3:30 PM	Adjournment	Travel Home