



18th Annual Scientific Retreat

May 27, 2022

Neurologic Research Institute

**Ting Tsung and Wei Fong Chao Foundation Conference Center
Auditorium (N.0750.00), 7th Floor
Jan and Dan Duncan Neurological Research Institute
1250 Moursund St
Houston, Texas 77030**

Program

Introduction

1:00 – 1:10 pm Jacqueline Hecht, PhD, McGovern Medical School UTH

Session 1: Moderator: Jun Wang, PhD McGovern Medical School UTH

1:10 – 1:35 pm Mark C Hwang, MD, UT Health Science Center
“Gene Expression Profiling of Radiographic Trajectories in Ankylosing Spondylitis”

1:35 – 2:00 pm Keren Machol, MD, Baylor College of Medicine
“Bone Phenotype in Classical Ehlers Danlos Syndrome”

2:00 – 2:25 pm Abayomi N Ogunwale, MD, UT Health Science Center
“Association between osteoporosis treatment and incident dementia”

2:25 – 3:20 pm **Poster Competition 1 – Presenters present/refreshments**

Session 2: Moderator: Florent Elefteriou, PhD– Baylor College of Medicine

3:20 – 3:55 pm Laura C Ortinau, PhD, Baylor College of Medicine
“Bone marrow stromal cell regulation of medullary cavity maintenance”

3:55 – 3:20 pm Hiroyuki Yamaguchi, PhD, UT Health Science Center
“The primary cilia: the key to understand heterotopic ossification”

3:20 – 4:15 pm **Poster Competition 2 - Presenters present**

4:15 – 5:15 pm **Keynote Lecture: “Osteoblast Bioenergetics and the Role of Bone in Global Energy Homeostasis”**
Dr. Thomas L Clemens, Lewis Cass Spencer Professor and Vice Chair, Department of Orthopaedic Surgery, Johns Hopkins Medical School

5:15 - 7:00 pm **Poster Session and Wine and Cheese Reception**

7:00 pm **Announcement of Awardees**

PAST RESEARCH AWARDEES

2006

Roy Morello, PhD, Krishna Sinha, PhD

2007

Bryant Darnay, PhD, Lisa Wang, MD

2008

Lawrence Donehower, PhD

2009

Betty Lamothe, PhD

Tao Yang, PhD

2010

Dobrawa Napierala, PhD, Xin Xie, PhD

2011

Jason Yustein, MD, PhD, Jianning Tao, PhD, Naoki Nakayama, PhD

2012

Yangin Bae, PhD, Win Chen, MD

2013

V. Lokesh Battula, PhD, Xin Zhou, PhD

2014

Dongsu Park, PhD, Huifand Lu, MD, PhD

2015

Kyu Sang Joeng, PhD, Sanjay N. Mediwala, MD, Daren Posey, PhD

2016

Walid Fakhouri, PhD, Yannis Hara, PhD, Ingo Grafe, MD

2017

Eleanora Dondossola, PhD, Junichi Iwata DDS, PhD, Thomas Kean, PhD

2018

Matthew Grol, PhD, Rozita Yarmand, PhD

2019

George Eisenhoffer, PhD, Ronit Marom, PhD
Dung-Fang Lee PhD

2020

Greg Couasnay, PhD, Joohyun Lim, PhD, Trupti Trivedi PhD

2021

Ivo Veletic, PhD, Gabriel Pagnotti, PhD, Monika Weisz-Hubshman, PhD

PROGRAM ADVISORY COMMITTEE

Jacqueline T. Hecht, PhD

Director, Lawrence Family Bone Disease Program of Texas
Leah Lewis Distinguished Professor and Division Head Pediatric Research Center
University of Texas McGovern Medical School and School of Dentistry

Theresa Guise, MD

Co-Director, Lawrence Family Bone Disease Program of Texas
Professor Department of Endocrine Neoplasia and Hormonal Disorders, Division of Internal
Medicine University of Texas M.D. Anderson Cancer Center

Brendan H. Lee, MD, PhD

Co-Director, Lawrence Family Bone Disease Program of Texas
Robert and Janice McNair Endowed Chair and Professor, Molecular and Human Genetics,
Baylor College of Medicine

Maurizio Pacifici, PhD

Director, Orthopaedic Research at CHOP
Dr. Bong S. Lee Endowed Chair in Pediatric Orthopaedics
Children’s Hospital of Philadelphia

Florent Elefteriou, PhD

Assistant Director Lawrence Family Bone Disease Program of Texas
Associate Professor, Baylor College of Medicine

Yoshihiro Komatsu, PhD

Assistant Director Lawrence Family Bone Disease Program of Texas Associate
Professor, McGovern Medical School University of Texas Health

LAWRENCE AWARD DISTINGUISHED JUDGES

Courtney Karner, PhD

Associate Professor, Department of Internal Medicine UT Southwestern
Charles and Jane Pak Center for Mineral Metabolism and Clinical Research

Maurizio Pacifici, PhD

Director of Orthopaedic Research at CHOP
Dr. Bong S. Lee Endowed Chair in Pediatric Orthopaedics
Children’s Hospital Philadelphia

Thomas L Clemens, PhD

Lewis Cass Spencer Professor and Vice Chair, Department of Orthopaedic Surgery, Johns
Hopkins Medical School

BONE PROGRAM ADMINISTRATION

Teresa Ramirez

Pediatric Research Center Division
McGovern Medical School at UT Health

Charlotte Cherry

Center for Skeletal Medicine and Biology
Baylor College of Medicine

Renee Kamin

Endocrine Neoplasia and Hormonal Disorders
MD Anderson Cancer Center

**Generous support for the 2022 Lawrence Family Bone Disease
Program of Texas Annual Scientific Retreat provided by:**

The Lawrence Family Program Endowments

The Milby Dow Dunn Endowed Chair in Osteoporosis Research at BCM

The Bone Health Clinic at MDACC

The Center for Skeletal Medicine and Biology at BCM
