Second Annual CMSR Symposium
September 12, 2012 • Flaum Atrium and Class of ’62 Auditorium

Trainee Presentations
Class of ’62 Auditorium
10:00 a.m. Welcome and Introduction
Michael Zuscik, PhD
10:15 a.m. Evaluating the Mechanism of Action of Anti-Glucosaminidase Antibodies as a Passive Vaccine for MRSA Orthopaedic Infections
John Varrone
10:30 a.m. Raman Spectroscopy Predicts Femoral Fracture Toughness in a Murine Model of Rheumatoid Arthritis
Jason Inzana
10:45 a.m. An Appropriate Balance of Notch Signaling is Required for Articular Cartilage and Joint Maintenance
Zhaoyang Liu
11:00 a.m. RANKL Induces TRAF3 Lysosomal Degradation Through NF-κB RelB, an Effect Prevented by the Lysosomal Inhibitor Chloroquine
Yan Xiu, PhD
11:15 a.m. Intermittent In Vivo PTH Treatment Decreases Apoptotic Rates of Hematopoietic Stem Cells Prior to Expanding Their Numbers
Ben Frisch, PhD

11:30 a.m. Poster Session and Lunch in the Flaum Atrium

Plenary Lectures
Class of ’62 Auditorium
1:30 p.m. Musculoskeletal Ultrasound Imaging for Clinical Diagnosis and Research
Ralf Thiele, MD
2:10 p.m. Elucidating the Roles of B Cells and Lymphatics in Arthritic Flare
Edward Schwarz, PhD
2:50 p.m. Psoriatic Disease: A Commotion in the Bone
Christopher Ritchlin MD

Keynote Presentation
Class of ’62 Auditorium
3:30 p.m. Pathogenesis of RA: The Voyage from pre-RA to Joint Destruction
Gary Firestein, MD
Dr. Gary Firestein is Professor of Medicine, Dean and Associate Vice Chancellor of Translational Medicine, and Director of the Clinical and Translational Research Institute at the UCSD School of Medicine. He sits on the Advisory Council for the National Institute for Arthritis & Musculoskeletal & Skin Disease and is founder and executive director of UCSD’s Center for Innovative Therapy, which evaluates innovative therapies for immune-mediated inflammatory diseases.

4:45 pm Award Presentation & Group Photo
Fei Wang, PhD, Director of the Musculoskeletal Tissue Engineering and Regenerative Medicine Program, NIAMS, NIH