



# 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- $\kappa$ B 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*



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