2015 Annual Retreat
Friday, April 17th, 2015
Alexandria Center for Life Sciences
450 East 29th Street, 2nd Floor

AGENDA

8:00 am – 9:00 am
Registration and Breakfast

Apella Lounge

9:00 am – 9:25 am
Welcome and Introduction

Apella 200

Welcome Speech
Charles Bertolami, DDS, DMSc
Herman Robert Fox Dean
Professor of Oral & Maxillofacial Surgery
NYU College of Dentistry

Introduction
Nicola Partridge, PhD
Founding Director of the NYU Center for Skeletal & Craniofacial Biology
Professor & Chair of Basic Science & Craniofacial Biology
NYU College of Dentistry
Professor of Medicine and of Biochemistry & Pharmacology
NYU School of Medicine

Strengthening Musculoskeletal Research: Creating a Research Core Structure
Thorsten Kirsch, PhD
Professor & Vice Chair of Research for Orthopaedic Surgery
Director of the Musculoskeletal Research Center
NYU School of Medicine
Core Presentations

**Imaging Core**
José Raya, PhD  
*Assistant Professor of Radiology*  
NYU Langone Medical Center

Gregory Chang, MD  
*Assistant Professor of Radiology*  
*Section Chief of Musculoskeletal Imaging*  
NYU Langone Medical Center

**Biomarker Core**
Mukundan Attur, PhD  
*Assistant Professor of Medicine*  
New York University School of Medicine

**Animal Microsurgery Resource Core**
Philip Leucht, PhD  
*Assistant Professor of Orthopaedic Surgery*  
NYU School of Medicine

10:45 am – 11:00 am  
**Apella Lounge**

AM Break
Keynote Address

*Cartilage Repair and Osteoarthritis in Genetic Mouse Models*

Linda Sandell, PhD  
*Mildred B. Simon Research Professor and Director of Research*  
*Director of the Center for Musculoskeletal Research*  
Washington University School of Medicine

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**About the Speaker**

Dr. Linda Sandell is a leader in the field of orthopaedic research, pioneering the use of molecular biologic techniques, large screening technologies, microscopy, computational biology and genetics to study cell responses to cartilage cell injury, the regulation of gene expression and osteoarthritis. Dr. Sandell was President of the Orthopaedic Research Society from 1999 - 2000 and was co-founder of the Women's Leadership Forum. She was President of the Osteoarthritis Research Society International (2010 - 2013). Dr. Sandell has been awarded the Kappa Delta Award for Basic Science Research by the American Association for Orthopaedic Surgeons (1999), the Women’s Leadership Forum Award (2010) and the Alfred R. Shands Jr, MD Award (2015) by the Orthopaedic Research Society.
Pilot Grant Recipient Presentations

2013 Awardee: Follow-up
Identification of Interaction of Odontoblast-ameloblast through ephrinB1/EphB2

Emi Shimizu, DDS, PhD
Assistant Professor of Basic Science & Craniofacial Biology
NYU College of Dentistry

2014 Awardee
Visualization of mouse vasculature for the study of angiogenesis in bone repair

Alesha Castillo, PhD
Assistant Professor of Mechanical & Aerospace Engineering
NYU Polytechnic School of Engineering

2014 Awardee: Dr. Juhee Jeong
Evolutionarily conserved role of LHX8 in median face development

Jeffry Cesario, PhD
Postdoctoral Associate of Basic Science & Craniofacial Biology
NYU College of Dentistry

CSCB Member Presentations

Dysregulation of translation machinery in osteoarthritis cartilage
Victoria Kolupaeva, PhD
Assistant Professor of Microbiology
NYU School of Medicine
CSCB Member Presentations (continued)

**Novel function of FGF-23 in hematopoietic cell development and differentiation**

Despina Sitara, PhD  
*Assistant Professor of Basic Science & Craniofacial Biology*  
NYU College of Dentistry  
*Assistant Professor of Medicine*  
NYU School of Medicine

3:35 pm – 4:00 pm  
Apella 200

**Conclusion and Thank You**

**Impressions of Progress**

Vicki Rosen, PhD  
*Professor & Chair of Developmental Biology*  
Harvard School of Dental Medicine

Conclusion

Nicola Partridge, PhD  
*Founding Director of the NYU Center for Skeletal & Craniofacial Biology*  
*Professor & Chair of Basic Science & Craniofacial Biology*  
NYU College of Dentistry  
*Professor of Medicine and of Biochemistry & Pharmacology*  
NYU School of Medicine

4:00 pm – 5:00 pm  
Apella Lounge

Reception