

2010 NEW ORLEANS, LOUISIANA

Morial Convention Center Hall H

Revised: 2/9/2010

Friday, March 5, 2010

1:00 pm - 5:00 pm	Registration Open - Level 2 Lobby			
8:30 am - 5:00 pm	Grant Writing Workshop - Room 286-287			

Saturday, March 6, 2010

	Auditorium A	Auditorium B	Auditorium C	Room 291-292	Room 293-296
7:30 am - 5:00 pm	Registration Open - Level 2 Lobby				
8:00 am - 9:30 am	Session 01 Chondrocyte Cell Signalling	Session 02 Intervertebral Disc Biomechanics	Session 03 Bone Development	Session 04 Tendon Mechanics	Session 05 Biomaterials
10:00 am - 11:00 am	Session 06 Cartilage Biology	Session 07 Cartilage Mechanics I	Session 08 Bone Adaptation	Session 09 Muscle and Nerve	Session 10 Progenitors and Stem Cells
11:30 am - 12:30 pm	Session 11 Skeletal Development	Session 12 Cartilage Mechanics II	Session 13 Bone Cell Differentiation	Session 14 Meniscus	Session 15 Bone Material Properties I
12:30 pm - 1:45 pm	Meet the Mentors Luncheon Room 288-289				
1:45 pm - 3:15 pm	SPOTLIGHT Session 16 Enzymes in Arthritis Spotlight Speaker: Hideaki Nagase "Can Metalloproteinases be Therapeutic Targets in Osteoarthritis?"	SPOTLIGHT Session 17 Joint Function Spotlight Speaker: Scott Tashman, PhD "Assessing Dynamic Joint Function: New Tools for Understanding Musculoskeletal Injury, Disease and Treatment"	SPOTLIGHT Session 18 Osteoclastogenesis Spotlight Speaker: Yoangwon Choi "Regulation of Osteoclast Differentiation"	SPOTLIGHT Session 19 Tendon Spotlight Speaker: Ronen Schweitzer, PhD "Between a Muscle and a Hard Bone - Regulation of Tendon Induction and Differentiation"	SPOTLIGHT Session 20 Stem Cell Differentiation Spotlight Speaker: Henry J Donahue, PhD "Optimizing Adult Stem Cells for Musculoskeletal Regeneration"
3:30 pm - 4:30 pm	Short Talk 1 Chondrocytes and Matrix Degradation	Short Talk 2 Biomaterials	Short Talk 3 UHMWPE and PEEK	Short Talk 4 Tendon Biology and Repair	Short Talk 5 Bone Biology
4:30 pm - 5:30 pm	NEW Networking Reception - Hall H				
5:30 pm - 6:30 pm	Poster Session (all presenters)/ Exhibits Open - Hall H				

Sunday, March 7, 2010

	Auditorium A	Auditorium B	Auditorium C	Room 291-292	Room 293-296
7:30 am - 6:00 pm	Registration Open - Level 2 Lobby				
8:00 am - 9:30 am	Workshop 1 Biomechanics and Inflammation in Health and Diseases of Musculoskeletal System: Anti-Inflammatory Component of Mechanosignaling	Workshop 2 Adaptation in Articular Cartilage - Evidence, Assessment and Interpretation	Workshop 3 Evaluation and Manipulation of Angiogenesis in Bone Regeneration	Workshop 4 Protecting and Marketing Your Ideas: Intellectual Property Considerations	
10:00 am - 11:30 am	Session 21 Scaffolds	Session 22 Intervertebral Disc	Session 23 Cell Imaging and Mechanobiology	Session 24 Hip & Knee Disease Process	Session 25 Bone Matrix: Mechanisms
11:30 am - 12:45 pm	Meet the Industry Member Luncheon - Room 288-289				
12:45 pm - 1:45 pm	Short Talk 6 Arthritis	Short Talk 7 Cartilage Mechanics	Short Talk 8 Progenitors and Stem Cells	Short Talk 9 Hip Resurfacing	Short Talk 10 Bone Mechanics
1:45 pm - 2:45 pm	Poster Session (Even numbered poster presenters) / Exhibits Open - Hall H				
2:45 pm - 4:15 pm	SPOTLIGHT Session 26 Tissue Engineering Spotlight Speaker: Prof. Anthony Peter Hollander, PhD "Cartilage Tissue Engineering From Stem Cells: Turning Science Into Medicine"	SPOTLIGHT Session 27 Development and Disease Spotlight Speaker: Benjamin Alman, MD "From Development to Disease: Hedgehog in Tumors and Arthritis"	SPOTLIGHT Session 28 Clinical Trials Spotlight Speaker: Mohit Bhandari, MD "Moving from the Bench to the Bedside: Designing Modern Day Clinical Trials in Fracture Healing"	SPOTLIGHT Session 29 Implants Spotlight Speaker: Kenneth A Mann, PhD "Micromechanics of Cemented Implant Fixation: How Fixed is Well-Fixed?"	SPOTLIGHT Session 30 Bone Adiposity Spotlight Speaker: Clifford Rosen, MD "Bone Marrow Adiposity; Structural and Functional Correlates"
4:45 pm - 5:45 pm	Session 31 Polymers, Scaffolds, and Surfaces	Session 32 Cervical Spine	Session 33 Stem Cells and Fracture Healing	Session 34 Arthroplasty: Implant Fixation	Session 35 Bone Material Properties II

Monday, March 8, 2010

	Auditorium A	Auditorium B	Auditorium C	Room 291-292	Room 293-296
--	--------------	--------------	--------------	--------------	--------------

7:30 am - 5:00 pm	Registration Open - Level 2 Lobby				
7:00 am - 8:00 am	Business Meeting - Room 291-292				
8:00 am - 9:30 am	New Horizon Workshop 5 Chondrocyte Motility in Development and Disease	New Horizon Workshop 6 Imaging Stem Cell Fate and Function			New Investigator Skills Development Forum Room 286-287
10:00 am - 11:00 am	Session 36 Lubricin	Session 37 Mechanobiology	Session 38 Arthroplasty: Implant Wear I	Session 39 Bone Matrix: Microdamage	Session 40 Tissue Engineering: Fibrous Tissues and Fibrocartilage
11:30 am - 12:30 pm	Session 41 Shoulder - Biologic and Mechanical Factors	Session 42 Imaging	Session 43 Arthroplasty: Implant Wear II	Session 44 Infection and Inflammation	Session 45 Ligament Biology and Repair
1:45 pm - 3:15 pm	ORS Awards and NIRA Presentations - Auditorium B				
3:30 pm - 4:30 pm	Short Talk 11 Osteoarthritis	Short Talk 12 Biology of Fracture Repair	Short Talk 13 Total Hip Arthroplasty	Short Talk 14 Infection and Inflammation	Short Talk 15 Tissue Engineering: Load and Growth Factors
4:30 pm - 6:30 pm	Poster Session (all presenters)/ Exhibits Open - Hall H				

Tuesday, March 9, 2010

	Auditorium A	Auditorium B	Auditorium C	Room 291-292	Room 293-296
7:30 am - 5:00 pm	Registration Open - Level 2 Lobby				
8:00 am - 9:30 am	Workshop 7 Hypersensitivity and Biomaterials: What are the Facts, Myths and Legends?	Workshop 8 The Armed Forces Institute of Regenerative Medicine: Its Structure, Operations, and Goals	Workshop 9 Functional Attachment of Soft Tissues to Bone: Development, Healing, and Tissue Engineering	Workshop 10 Post-Traumatic Osteoarthritis: Improved Understanding and Opportunities for Early Intervention	
9:45 am - 10:45 am	Short Talk 16 Enhancement of Fracture Healing	Short Talk 17 Biomaterial Cell Interaction	Short Talk 18 Total Knee Arthroplasty	Short Talk 19 Musculoskeletal Tumors	Short Talk 20 Spine
10:45 am - 11:45 am	Poster Session (Odd numbered posters) / Exhibits Open - Hall H				
11:45 am - 12:15 pm	Presidential Address - Auditorium B "Research and Responsibility: More than Just Responsible Research" Regis J. O'Keefe, MD, PhD				

1:00 pm - 2:30 pm	Session 46 Ligament Kinematics	ORS/AAOS Symposium I Intramuscular Fatty Atrophy: Physiology, Imaging, and Treatment	Session 47 Hand and Wrist	Session 48 Total Knee Arthroplasty	Session 49 Foot and Ankle
1:30 pm - 5:00 pm	Maintenance of Certification Curriculum - Room 343				
2:45 pm - 4:15 pm	Session 50 Shoulder	ORS/AAOS Symposium II Applied Biomechanical Engineering – Joint Injuries from Benchtop to Bedside	Session 51 Arthroplasty: Bearing Surfaces	Session 52 Gait and Kinematics	Session 53 Spine
4:30 pm - 5:30 pm	Kappa Delta Award and OREF Award Paper Presentations - Auditorium B				

Hall H - Posters and Exhibits will be open between sessions and during lunch