Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference and Exhibition on
Orthopedics & Rheumatology

July 28-30, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA

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Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

OMICS Group Conferences
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Day 1 July 28, 2014

08:30-09:30 **Registrations**

Redwood

OMICS Group Conferences
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09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:35 **Jun Li**
University of Alabama at Birmingham, USA

10:35-11:05 **Crispin Dass**
Curtin University, Australia

Coffee Break 11:05-11:25 @ Pre-Function Area

Group Photo

Track 1: Arthritis Research & Theory
Track 2: Bone & Osteoarthritis
Track 3: Outpatient Orthopedic Disorders
Track 4: Inflammatory Myopathies
Track 5: Integrative Pain Medicine

Session Chair: Crispin Dass, Curtin University, Australia
Session Co-Chair: Ray Marks, Columbia University, USA

Session Introduction

11:25-11:50 **The prevention of early OA of the knee following meniscal or ACL surgery is possible by the achievement (& maintenance) of joint homeostasis**
Scott F Dye, University of California San Francisco, USA

11:50-12:15 **What effect does exercise have on obesity?**
Edward R Laskowski, Mayo Clinic, USA

12:15-12:40 **Depressive symptoms among older adults with mild to moderate Knee osteoarthritis are highly prevalent and are predicted by disease management self-efficacy: A cross-sectional study of depressive symptom prevalence, and clinical interrelationships**
Ray Marks, Columbia University, USA

Lunch Break 12:40-13:25 @ Tiburon-Sausalito

13:25-13:50 **MicroRNA 23a~27a~24-2 cluster regulation of bone formation**
Mohammad Hassan, University of Alabama at Birmingham, USA

13:50-14:15 **Cardiomyocyte apoptosis versus autophagy with prolonged Doxorubicin treatment: Comparison with osteosarcoma cells**
Crispin R Dass, Curtin University, Australia

14:15-14:40 **Poly-gamma-glutamic acid as a novel material for viscosupplementation and treating OA of the knee: A pilot study**
Albert Prescott, Crescent Innovations Inc., USA

14:40-15:05 **A novel epigenetic mark, Histone H1 fucosylation, regulates macrophage plasticity in Rheumatoid arthritis**
Jun Li, University of Alabama at Birmingham, USA

15:05-15:30 **Cytokines expression during OA pathogenesis within an experimental rat model**
Juan B. Kourí Flores, Centro de Investigación y Estudios Avanzados, Mexico

Coffee Break 15:30-15:50 @ Pre-Function Area

15:50-16:15 **Can we delay the process of cartilage degeneration associated with Osteoarthritis: Emerging role of autophagy**
Mohit Kapoor, Toronto Western Hospital, Canada

16:15-16:40 **Vitamin D deficiency in Knee osteoarthritis patients and its association with obesity in Saudi Arabia**
Gehan A Mohamed, Salman bin Abdul-Aziz University, Saudi Arabia

16:40-17:05 **Sacroiliac joint biomechanics and its potential clinical implications**
Sergio Marcucci, A.T. Still University of Health Sciences, USA

17:05-17:30 **Study of relationship between osteoarthritis, postural changes and osteoporosis in postmenopausal women**
Julio Cesar Bassan, Federal Technological University of Parana, Brazil

17:30-17:55 **Functional outcomes of UKA in Asians at medium-term follow-up**
Ching-Jen Wang, Chang Gung University, Taiwan

17:55-18:20 **miR-9/MCPIP1 axis mediated regulation of IL-6 expression in osteoarthritis chondrocytes**
Tariq M Haqqi, Northeast Ohio Medical University, USA

Panel Discussion

18:20-19:00 Cocktails sponsored by **Orthopedic & Muscular System: Current Research**

Day 2 July 29, 2014

Redwood

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:35 **Vani Sabesan**
Western Michigan University, USA

10:35-11:05 **Harald S Miedema**
Rotterdam University of Applied Sciences, The Netherlands

Coffee Break 11:05-11:25 @ Pre-Function Area

Track 6: Rheumatology Diagnosis & Treatment
Track 7: Advancements in Orthopedic Surgery
Track 8: Types of Arthritis
Track 9: Surgical Sports Medicine

Session Chair: Jacques Vallotton, Clinique Bois-Cerf, Switzerland
Session Co-Chair: Vani Sabesan, Western Michigan University, USA

Session Introduction

11:25-11:50 **An intervention study to reduce ergonomic exposures during drywall installation**
Priyadarshini Sengupta Dasgupta, University of Massachusetts Lowell, USA

11:50-12:15 **The current state of head and neck injuries in extreme sports**
Vani Sabesan, Western Michigan University, USA

12:15-12:40 **Meniscal transplant surgery- A realistic joint preservation option? A current review of literature**
Fahad G Attar, St Helens and Knowsley University Hospitals NHS Trust, UK

Lunch Break 12:40-13:25 @ Tiburon-Sausalito

13:25-14:25 Workshop on
"Current concepts on the etiology and safe treatment of the Patellofemoral pain enigma from a Tissue homeostasis perspective"
by **Scott F Dye,** University of California San Francisco, USA

14:25-14:50 **Functional hallux limitus: A predisposing factor of flat foot deformities**
Jacques Vallotton, Clinique Bois-Cerf, Switzerland

14:50-15:15 **Circular acetabular osteotomy and cup implantation in postdysplastic hip artrhrosis**
Jiri Stehlik, Czech Republic

15:15-15:40 **Otolaryngological findings in a group of patients with Rheumatic diseases**
Henrique Furlan Pauna, University of Campinas, Brazil

15:40-16:05 **Knee objective stability and isokinetic thigh muscle strength after anterior cruciate ligament reconstruction: A randomized six-month follow-up study**
Matjaz Sajovic, General Teaching Hospital Celje, Slovenia

Panel Discussion

Coffee Break 16:05-16:15 @ Pre-Function Area

16:15-17:00 Poster Presentations @ Sonoma

18:00-19:00 Cocktails sponsored by **Rheumatology: Current Research**

Day 3 July 30, 2014

Redwood

Track 10: Ultrasound of Musculoskeletal System
Track 11: Musculoskeletal Oncology
Track 12: Pediatric Orthopedics
Track 13: Clinical Rheumatology
Track 14: Research Outcomes & Analysis in Orthopedics & Rheumatology

Session Chair: António Veloso, University of Lisbon, Portugal
Session Co-Chair: Mohamed M Zamzam, King Saud University, Saudi Arabia

Session Introduction

10:00-10:25 **The use of topical compounded Flurbiprofen cream to treat plantar fasciitis, a randomized, prospective trial vs oral NSAID therapy**
Jeffery H Alexander, Rush University Medical Center, USA

10:25-10:50 **Telerehabilitation for Total knee arthroplasty: Is there an issue related to virtual treatment without hands-on mobilisation for knee range of motion recovery?**
Michel Tousignant, Université de Sherbrooke, Canada

10:50-11:15 **Evaluation of risk of fall on frail elderly: The reliability and validity study of an obstacle course, the Sherbrooke Functional Evaluation of the Risk of falls in Elderly (SFERE)**
Hélène Corriveau, Université de Sherbrooke, Canada

Coffee Break 11:15-11:35 @ Pre-Function Area

11:35-12:00	**Intra-articular injection of Botulinum toxin analgesic effect** **Dominique Batifol,** Montpellier University Hospital, France
12:00-12:25	**Inhibition of Il-23p19 signaling suppresses osteosarcoma growth in vivo** **Maya Kansara,** Peter MacCallum Cancer Centre, Australia
12:25-12:50	**Incidence of low back pain related occupational diseases in The Netherlands** **Harald S Miedema,** Rotterdam University of Applied Sciences, The Netherlands
	Lunch Break 12:50-13:35 @ Tiburon-Sausalito
13:35-14:00	**Fracture lateral humeral condyle in children, role of displacement definitions to avoid delayed surgery** **Mohamed M Zamzam,** King Saud University, Saudi Arabia
14:00-14:25	**Accurate estimation of mechanical loading on the musculoskeletal system during gait using biomechanics modelling** **António Veloso,** University of Lisbon, Portugal
14:25-14:50	**Walking theory- Human walking is analyzed using PET-CT analysis and theorized utilizing the published research papers: Movement of the body analyzed systematically** **Murali Krishna P V,** Anekal General Hospital, India
	Panel Discussion
	Closing Ceremony

Bookmark your dates

OMICS Group Conferences
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4th International Conference and Exhibition on

Orthopedics & Rheumatology

October 26-28, 2015 Baltimore, USA



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