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Scientific Program

3rd International Conference and Exhibition on

Orthopedics & Rheumatology

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

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Day 1 July 28, 2014

08:30-09:30 Registrations

Redwood

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

4th International Conference and Exhibition on

Orthopedics & Rheumatology

October 26-28, 2015 Baltimore, USA

