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.
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

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

What effect does exercise have on obesity?
Edward R Laskowski, Mayo Clinic, USA

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

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. Kouri 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
Gebah A Mohamed, Salman bin Abdul-Aziz University, Saudi Arabia

Sacroiliac joint biomechanics and its potential clinical implications
Sergio Marcucci, A.T. Still University of Health Sciences, USA

Study of relationship between osteoarthritis, postural changes and osteoporosis in postmenopausal women
Julio Cesar Bassan, Federal Technological University of Parana, Brazil

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution/University</th>
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<tbody>
<tr>
<td>10:00-10:05</td>
<td>Introduction</td>
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<tr>
<td>10:05-10:35</td>
<td>Vani Sabesan</td>
<td>Western Michigan University, USA</td>
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<tr>
<td>10:35-11:05</td>
<td>Harald S Miedema</td>
<td>Rotterdam University of Applied Sciences, The Netherlands</td>
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#### 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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>11:25-11:50</td>
<td>An intervention study to reduce ergonomic exposures during drywall installation</td>
<td>Priyadarshini Sengupta Dasgupta, University of Massachusetts Lowell, USA</td>
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</tr>
<tr>
<td>11:50-12:15</td>
<td>The current state of head and neck injuries in extreme sports</td>
<td>Vani Sabesan, Western Michigan University, USA</td>
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<tr>
<td>12:15-12:40</td>
<td>Meniscal transplant surgery- A realistic joint preservation option? A current review of literature</td>
<td>Fahad G Attar, St Helens and Knowsley University Hospitals NHS Trust, UK</td>
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#### Lunch Break 12:40-13:25 @ Tiburon-Sausalito

**Session Introduction**

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<td>13:25-14:25</td>
<td>&quot;Current concepts on the etiology and safe treatment of the Patellofemoral pain enigma from a Tissue homeostasis perspective&quot;</td>
<td>Scott F Dye, University of California San Francisco, USA</td>
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<tr>
<td>14:25-14:50</td>
<td>Functional hallux limitus: A predisposing factor of flat foot deformities</td>
<td>Jacques Vallotton, Clinique Bois-Cerf, Switzerland</td>
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<tr>
<td>14:50-15:15</td>
<td>Circular acetabular osteotomy and cup implantation in postdysplastic hip arthropathy</td>
<td>Jiri Stehlik, Czech Republic</td>
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<tr>
<td>15:15-15:40</td>
<td>Otolaryngological findings in a group of patients with Rheumatic diseases</td>
<td>Henrique Furlan Pauna, University of Campinas, Brazil</td>
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</tr>
<tr>
<td>15:40-16:05</td>
<td>Knee objective stability and isokinetic thigh muscle strength after anterior cruciate ligament reconstruction: A randomized six-month follow-up study</td>
<td>Matjaz Sajovic, General Teaching Hospital Celje, Slovenia</td>
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#### Panel Discussion

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

**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

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<tr>
<td>10:00-10:25</td>
<td>The use of topical compounded Flurbiprofen cream to treat plantar fasciitis, a randomized, prospective trial vs oral NSAID therapy</td>
<td>Jeffery H Alexander, Rush University Medical Center, USA</td>
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<tr>
<td>10:25-10:50</td>
<td>Telerehabilitation for Total knee arthroplasty: Is there an issue related to virtual treatment without hands-on mobilisation for knee range of motion recovery?</td>
<td>Michel Toussignant, Université de Sherbrooke, Canada</td>
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<tr>
<td>10:50-11:15</td>
<td>Evaluation of risk of fall on frail elderly: The reliability and validity study of an obstacle course, the Sherbrooke Functional</td>
<td>Hélène Corriveau, Université de Sherbrooke, Canada</td>
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**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

12:50-13:35 @ Tiburon-Sausalito  
Lunch Break

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  Movement of the body analyzed systematically  
Murali Krishna P V, Anekal General Hospital, India

14:50-15:00  Panel Discussion
15:00-15:15  Closing Ceremony

Bookmark your dates

4th International Conference and Exhibition on  
Orthopedics & Rheumatology

October 26-28, 2015  Baltimore, USA