Scientific Program

2nd International Conference and Exhibition on Orthopedics & Rheumatology

August 19-21, 2013 Embassy Suites Las Vegas, NV, 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
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: orthopedics.rheumatoloy2013@omicsonline.net
Day 1
August 19, 2013

09:00-09:30 Registrations

Flamingo 1

Opening Ceremony

Keynote Forum

10:00-10:05 Introduction
Charles J. Malemud
Case Western Reserve University, USA

10:05-10:30
Naomi Schlesinger
Robertwood Johnson Medical School, USA

10:30-10:55
Michel Tousignant,
Universite de Sherbrooke, Canada

11:10-11:35
Galina S. Bogatkevich
Medical University of South Carolina, USA

11:35-12:00
S.R.A. Akinbo
University of Lagos & LUTH Lagos, Nigeria

Coffee Break 10:55-11:10 @ Atrium

Group Photo

Track 1: Orthopedic Surgery and Therapy
Track 2: Pediatric Orthopedics
Track 3: Regenerative and Molecular Orthopedics

Session Chair: Michel Tousignant, Universite de Sherbrooke, Canada
Session Co-Chair: Alice Song, Ophthalmology Corporation, USA

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Tracks:
- Orthopedic Surgery and Therapy
- Pediatric Orthopedics
- Regenerative and Molecular Orthopedics

Session Chair: Michel Tousignant, Universite de Sherbrooke, Canada
Session Co-Chair: Alice Song, Ophthalmology Corporation, USA

12:00-12:20
Title: Leg pain in a hunter: Not the usual compartment syndrome case
Sourav Das, Penn State Milton S. Hershey Medical Center, USA

12:20-12:40
Title: In-home telerehabilitation compared to home visits after a total knee arthroplasty: A randomised trial
Michel Tousignant, Universite de Sherbrooke, Canada

12:40-13:00
Title: Ophthalmologic manifestations of rheumatologic conditions
Alice Song, Ophthalmology Corporation, USA

13:00-13:20
Title: Total knee arthroplasty in patients with coxitis knee
Hiroshi Yonezu, Mitoyo General Hospital, Japan

Lunch Break 13:20-14:05 @ Atrium

14:05-14:25
Title: Use of topical tranexamic acid to reduce blood loss and transfusion rates in patients undergoing primary total hip arthroplasty
Mel S. Lee, Chang Gung Memorial Hospital, Taiwan

14:25-14:45
Title: Long-term outcomes of shockwave therapy and core decompression in the treatment of osteonecrosis of the femoral head with 8 to 9 years follow-up
Ching-Jen Wang, Chang Gung Memorial Hospital, Taiwan

14:45-15:05
Title: Large-diameter head metal-on-metal total hip arthroplasty using a modified Watson-Jones approach and novel reduction technique
Chih-Chien Hu, Chang Gung Memorial Hospital, Taiwan

15:05-15:25
Title: Minimal invasive treatment protocol for closed complex fibial plateau fractures
Sherif Mohamed Abdelgaid, Al-Razi Orthopedic Hospital, Kuwait

15:25-15:45
Title: Ultrasonographic changes after steroid injection in Carpal Tunnel Syndrome
Yeon Soo Lee, The Catholic University of Korea, Korea

Coffee Break 15:45-16:00 @ Atrium

16:00-16:20
Title: Platelet-rich plasma treatment in symptomatic patients with knee osteoarthritis
Vivek Mahajan, Amandeep Hospital, India

16:20-16:40
Title: Molecular-based therapy for skeletal muscle repair: Platelet-derived autologous growth factors combined with TGF- antagonist promote myogenic differentiation of human myoblasts in vitro
Robi Keli, University Medical Center Maribor, Slovenia

16:40-17:00
Title: Motor end plate targeted Botulinum toxin type A injections of the gracilis muscle in children with cerebral palsy
Van Campenhout Anja, University Hospitals Leuven, Belgium

17:00-17:20
Title: Molecular changes after shockwave therapy in osteoarthritic knee in rats
Ching-Jen Wang, Chang Gung University College of Medicine, Taiwan

17:20-17:40
Title: Molecular changes after shockwave therapy in osteoarthritic knee in rats
Ching-Jen Wang, Chang Gung University College of Medicine, Taiwan

Session Introduction
**Day 2  August 20, 2013**

**Title:** Myogenesis in gene corrected induced pluripotent stem cells  
**Panel Chair:** Darko Bosnakovski, Goce Delcev University-Stip, Greece  
**Cocktails Sponsored by:** Journal of Orthopedic & Muscular System

**Session Co-Chair:** Daniel Goldberg, Gold Medical Marketing, USA

**Track 4: Biomaterials and Implanting Technologies**

**Track 5: Rheumatology**

**Track 6: Current Diagnostics in Orthopedics**

**Session Chair:** Naomi Schlesinger, Robertwood Johnson Medical School, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
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</thead>
<tbody>
<tr>
<td>10:15-10:35</td>
<td>Fucosylation, a key player and a novel therapeutic target in Rheumatoid Arthritis</td>
<td>Jun Li, University of Alabama at Birmingham, USA</td>
</tr>
<tr>
<td>10:35-10:55</td>
<td>Activation of the SAPK/MAPK pathway by IL-6 family cytokines in the c28/i2 immortalized human juvenile chondrocyte line</td>
<td>Charles J. Malemud, Case Western Reserve University, USA</td>
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**Coffee Break 10:55-11:10 @ Atrium**

**Session Introduction**

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<td>11:10-11:30</td>
<td>Endoplasmic reticulum stress in scleroderma and other rheumatic diseases</td>
<td>Galina S. Bogatkevich, Medical University of South Carolina, USA</td>
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<tr>
<td>11:30-11:50</td>
<td>Crystal: Diagnosis and management of gout</td>
<td>Naomi Schlesinger, Robertwood Johnson Medical School, USA</td>
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<tr>
<td>11:50-12:10</td>
<td>Generating patients through direct to patient marketing</td>
<td>Daniel Goldberg, Gold Medical Marketing, USA</td>
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<tr>
<td>12:10-12:30</td>
<td>Histopathological and biological features of synovial tissue in rheumatoid arthritis patients mediating with biologics</td>
<td>Takafumi Yayama, University of Fukui, Japan</td>
</tr>
<tr>
<td>12:30-12:50</td>
<td>Relationship between fore, mid, and hind foot radiographic findings and hallux valgus in Rheumatoid Arthritis: Evaluation grouped by existence of 2nd MTP joint dorsal dislocation</td>
<td>Makoto Hira, National Hospital Organization, Japan</td>
</tr>
<tr>
<td>12:50-13:10</td>
<td>Unusual X-ray findings in a volleyball player</td>
<td>Alina Wang, Penn State Milton S. Hershey Medical Center, USA</td>
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**Lunch Break 13:10-13:55 @ Atrium**

**Day 3  August 21, 2013**

**Session Co-Chair:** Julia Song, Ophthalmology Corporation, USA

**Track 7: Potential Complications of Orthopedic Surgery**

**Track 8: Potential Drivers of Tomorrows Orthopedics**

**Track 9: Non-Surgical Treatment Options for Orthopedic Problems**

**Session Chair:** S.R.A. Akinbo, University of Lagos & LUTH Lagos, Nigeria

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<td>09:00-09:20</td>
<td>Mirror-Image identical twins present in mirror-image hip cysts: A case report and review of the literature</td>
<td>Julia Song, Ophthalmology Corporation, USA</td>
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<tr>
<td>09:20-09:40</td>
<td>A strange case of neck pain: Acute longus colli calcific tendinitis versus infection</td>
<td>Kerlie Estimable &amp; Cynthia Rizki, Penn State Milton S. Hershey Medical Center, USA</td>
</tr>
<tr>
<td>09:40-10:00</td>
<td>An avid hiker's knee pain and a rare tumor</td>
<td>Isabella Ahanogbe, Penn State Milton S. Hershey Medical Center, USA</td>
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<tr>
<td>10:00-10:20</td>
<td>Prevention of secondary fragility fractures: Integration of fall prevention with post-fracture management</td>
<td>Pre Helene Corrivieve, Universite de Sherbrooke, Canada</td>
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**Coffee Break 10:20-10:35 @ Atrium**

**Session Introduction**

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<td>10:35-10:55</td>
<td>Hand Pain in a professional baseball player</td>
<td>Emueje Ophori, Penn State Milton S. Hershey Medical Center, USA</td>
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<tr>
<td>10:55-11:15</td>
<td>Comparison of supine and sitting positions cervical traction on selected cardiovascular parameters, pain and neck mobility in patients with cervical spondylosis</td>
<td>S.R.A. Akinbo, University of Lagos &amp; LUTH Lagos, Nigeria</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Indian Hedgehog induces hypertrophy and differentiation of chondrocytes and may be concerned with progression of human cervical OPLL</td>
<td>Daisuke Sugita, University of Fukui, Japan</td>
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<td>11:35-11:55</td>
<td>Normative values of selected anthropometric measures of nigerians in Ikeja, Lagos, Nigeria</td>
<td>Olutuyin Sonuyi, University of Lagos &amp; LUTH Lagos, Nigeria</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>The healing of acute tendon injury in rats exposed to ethanol</td>
<td>Ayoolu Aneygbusi, University of Lagos &amp; LUTH Lagos, Nigeria</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Relative sensitivity and specificity of some provocative tests in the mechanical diagnosis of sacro-iliac joint dysfunction among patients with low back pain</td>
<td>Michael O. Egwu, Obafemi Awolowo University, Nigeria</td>
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<tr>
<td>12:35-12:55</td>
<td>Study on outcome of fracture shaft of the humerus treated non operatively with a functional brace</td>
<td>K. C. Kapil Mani, Tribhuvan University Teaching Hospital, Nepal</td>
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<tr>
<td>13:40-14:00</td>
<td>Effectiveness of educational intervention on under management of osteoporosis in fragility fractures</td>
<td>Mohammad Reza Aghamirsalim</td>
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<tr>
<td>14:00-14:20</td>
<td>Improving corrosion resistance of porous Nitinol samples by coating nano oxide layer through different methods</td>
<td>Mehrdad Fattahzade</td>
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<tr>
<td>14:20-14:40</td>
<td>Role of physiotherapy in treatment of Rheumatoid arthritis</td>
<td>Miles Patel</td>
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<tr>
<td>14:40-15:00</td>
<td>Intraosseous Gouty tophus causing posterior Ankle impingement syndrome with normal serum uric acid level: A case report</td>
<td>Sandeep K R</td>
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Panel Discussion
Award Ceremony
Coffee Break 15:40-15:55 @ Atrium