120th OMICS Group Conference

Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference and Exhibition on

Orthopedics & Rheumatology

August 19-21, 2013 Embassy Suites Las Vegas, NV, USA

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Exhibitor

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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 August 19, 2013

09:00-09:30 **Registrations**

Flamingo 1

OMICS Group Conferences
Accelerating Scientific Discovery

09:30-10:00 **Opening Ceremony**

Keynote Forum

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

10:05-10:30 **Charles J. Malemud**
Case Western Reserve University, USA

10:30-10:55 **Naomi Schlesinger**
Robertwood Johnson Medical School, USA

Coffee Break 10:55-11:10 @ Atrium

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

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

Session Introduction

12:00-12:20 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 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 Ophthalmologic manifestations of rheumatologic conditions
Alice Song, Ophthalmology Corporation, USA

13:00-13:20 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 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 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 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 Minimal invasive treatment protocol for closed complex tibial plateau fractures
Sherif Mohamed Abdelgaid, Al-Razi Orthopedic Hospital, Kuwait

15:25-15:45 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 Platelet-rich plasma treatment in symptomatic patients with knee osteoarthritis
Vivek Mahajan, Amandeep Hospital, India

16:20-16:40 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 Kelc, University Medical Center Maribor, Slovenia

16:40-17:00 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 Cement less Thr in dysplastic hip joint
Olivera Caparoska, St. Lazar Hospital, Republic of Macedonia

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

17:40-18:00 Myogenesis in gene corrected induced pluripotent stem cells
Darko Bosnakovski, Goce Delcev University-Stip, Greece

Panel Discussion

18:00-19:00 Cocktails Sponsored by: **Journal of Orthopedic & Muscular System**

Day 2 August 20, 2013

Flamingo 1

Track 4: Biomaterials and Implanting Technologies
Track 5: Rheumatology
Track 6: Current Diagnostics in Orthopedics

Session Chair: Naomi Schlesinger, Robertwood Johnson Medical School, USA
Session Co-Chair: Daniel Goldberg, Gold Medical Marketing, USA

	Session Introduction
10:15-10:35	**Fucosylation, a key player and a novel therapeutic target in Rheumatoid Arthritis** **Jun Li,** University of Alabama at Birmingham, USA
10:35-10:55	**Activation of the SAPK/MAPK pathway by il-6 family cytokines in the c28/i2 immortalized human juvenile chondrocyte line** **Charles J. Malemud,** Case Western Reserve University, USA
	Coffee Break 10:55-11:10 @ Atrium
11:10-11:30	**Endoplasmic reticulum stress in scleroderma and other rheumatic diseases** **Galina S. Bogatkevich,** Medical University of South Carolina, USA
11:30-11:50	**Crystal: Diagnosis and management of gout** **Naomi Schlesinger,** Robertwood Johnson Medical School, USA
11:50-12:10	**Generating patients through direct to patient marketing** **Daniel Goldberg,** Gold Medical Marketing, USA
12:10-12:30	**Histopathological and biological features of synovial tissue in rheumatoid arthritis patients mediating with biologics** **Takafumi Yayama,** University of Fukui, Japan
12:30-12:50	**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** **Makoto Hirao,** National Hospital Organization, Japan
12:50-13:10	**Unusual X-Ray findings in a volleyball player** **Alina Wang,** Penn State Milton S. Hershey Medical Center, USA
	Lunch Break 13:10-13:55 @ Atrium
13:55-14:15	**Cervical Hyperostosis complicated with chronic aspiration causing refractory heart failure** **Juan Kusnir,** University of Miami - Jackson Memorial Hospital, USA
14:15-14:35	**Hindfoot arthroscopy for diagnosis and therapy** **A. Meric Unal,** Sifa Hospital, Turkey
14:35-14:55	**Modulation of disease related immune events by Curcumin, Demethoxycurcumin & Bisdemethoxycurcumin against autoimmune Arthritis in rats** **Sumeet Gullaiya,** Amity University, India
14:55-15:15	**TNF-alpha in an experimental model of myositis: Bilateral involvement in response to unilateral muscle overuse** **S Forsgren,** Umea University, Sweden
15:15-15:35	**A clinical measurement to quantify spasticity in children with cerebral palsy by integration of multidimensional signals** **Bar-On L,** University Hospital Pellenberg, Belgium
	Panel Discussion
	Coffee Break 15:45-16:00 @ Atrium
16:15-17:00	**Poster Presentations @ Stardust**
18:00-19:00	Cocktails Sponsored by: **Rheumatology: Current Research**

Day 3 August 21, 2013

Flamingo 1

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

	Session Introduction
09:00-09:20	**Mirror-Image identical twins presenting in mirror-image hip cysts: A case report and review of the literature** **Julia Song,** Ophthalmology Corporation, USA
09:20-09:40	**A strange case of neck pain: Acute longus colli calcific tendinitis versus infection** **Kerlie Estimable & Cynthia Rizk,** Penn State Milton S. Hershey Medical Center, USA
09:40-10:00	**An avid hiker's knee pain and a rare tumor** **Isabella Ahanogbe,** Penn State Milton S. Hershey Medical Center, USA
10:00-10:20	**Title:Prevention of secondary fragility frctures: Integration of fall prevention with post-fracture management** **Pre Helene Corriveau,** Universite de Sherbrooke, Canada
	Coffee Break 10:20-10:35 @ Atrium
10:35-10:55	**Hand Pain in a professional baseball player** **Emueje Ophori,** Penn State Milton S. Hershey Medical Center, USA
10:55-11:15	**Comparison of supine and sitting positions cervical traction on selected cardiovascular parameters, pain and neck mobility in patients with cervical spondylosis** **S.R.A. Akinbo,** University of Lagos & LUTH Lagos, Nigeria
11:15-11:35	**Indian Hedgehog induces hypertrophy and differentiation of chondrocytes and may be concerned with progression of human cervical OPLL** **Daisuke Sugita,** University of Fukui, Japan
11:35-11:55	**Normative values of selected anthropometric measures of nigerians in Ikeja, Lagos, Nigeria** **Olutoyin Sonuyi,** University of Lagos & LUTH Lagos, Nigeria
11:55-12:15	**Intrasound therapy augments the healing of acute tendon injury in rats exposed to ethanol** **Ayoola Aiyegbusi,** University of Lagos & LUTH Lagos, Nigeria
12:15-12:35	**Relative sensitvity and specificity of some provocative tests in the mechanical diagnosis of sacro-iliac joint dysfunction among patients with low back pain** **Michael O. Egwu,** Obafemi Awolowo University , Nigeria
12:35-12:55	**Study on outcome of fracture shaft of the humerus treated non operatively with a functional brace** **K. C. Kapil Mani,** Tribhuvan University Teaching Hospital, Nepal
	Lunch Break 12:55-13:40 @ Atrium
13:40-14:00	**Effectiveness of educational intervention on under management of osteoporosis in fragility fractures** **Mohammad Reza Aghamirsalim,** Tehran University of Medical Sciences, Iran
14:00-14:20	**Improving corrosion resistance of porous Nitinol samples by coating nano oxide layer through different methods** **Mehrdad Fattahzade,** Sharif University of Technology, Iran
14:20-14:40	**Role of physiotherapy in treatment of Rheumatoid arthritis** **Mitesh Patel,** Shrinivas College of Physiotherapy and Research Centre, India
14:40-15:00	**Intraosseus Gouty tophus causing posterior Ankle impingement syndrome with normal serum uric acid level: A case report** **Sandeep K R,** Pariyaram Medical College, India
	Panel Discussion
	Award Ceremony
	Coffee Break 15:00-15:15 @ Atrium

OMICS Group Upcoming Conferences

Pharmaceutical/Chemistry

2nd International Conference and Exhibition on **Biowaivers & Biosimilars**
September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA

International Conference and Exhibition on **Biochemical & Molecular Engineering**
October 07-09, 2013 Hilton San Antonio Airport, TX, USA

2nd International Conference on **Medicinal Chemistry & Computer Aided Drug Designing**
October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

4th International Conference and Exhibition on **Analytical & Bioanalytical Techniques**
October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

3rd International Conference on **Pharmaceutical Regulatory Affairs**
October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA

International Conference & Exhibition on **Pharmacognosy, Phytochemistry & Natural Products**
October 21-23, 2013 Radisson Blu Plaza Hotel, Hyderabad, India

2nd International Summit on **GMP, GCP & Quality Control**
November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA

International Summit on **Clinical Pharmacy & Dispensing**
November 18-20, 2013 Hilton San Antonio Airport, TX, USA

World Congress on **Petrochemistry and Chemical Engineering**
November 18-20, 2013 Hilton San Antonio Airport, TX, USA

Medical Sciences

World Congress on **Endocrinology**
August 26-28, 2013 DoubleTree by Hilton, Raleigh, NC, USA

2nd International Conference on **Tissue Science & Regenerative Medicine**
August 26-28, 2013 DoubleTree by Hilton, Raleigh, NC, USA

2nd International Conference on **Surgery & Anesthesia**
September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

International Conference on **Hematology & Blood Disorders**
September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA

International Conference on **Psychology, Autism and Alzheimer's Disease**
September 30-October 01, 2013 Hilton San Antonio Airport, TX, USA

2nd International Summit on **Toxicology**
October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

3rd World Congress on **Cancer Science & Therapy**
October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA

2nd International Conference and Exhibition on **Cell & Gene Therapy**
October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference on **HIV/AIDS, STDs & STIs**
October 24-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

2nd International Conference and Exhibition on **Cosmetology & Trichology**
November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA

3rd World Congress on **Virology**
November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA

3rd International Conference on **Cell Science & Stem Cell Research**
November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA

2nd International Conference and Exhibition on **Obesity & Weight Management**
December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

International Conference and Exhibition on **Traditional & Alternative Medicine**
December 09-11, 2013 Radisson Blu Plaza Hotel, Hyderabad, India

Omics

International Conference on **Omics Studies**
September 04-06, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference on **Functional and Comparative Genomics & Pharmacogenomics**
November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA

Clinical

2nd International Conference on **Clinical Microbiology & Microbial Genomics**
September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Conference on **Clinical & Cellular Immunology**
October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

International Conference on **Nursing & Emergency Medicine**
December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

Engineering & Applied Sciences

International Conference and Exhibition on **Mechanical & Aerospace Engineering**
September 30-October 02, 2013 Hilton San Antonio Airport, TX, USA

International Conference and Exhibition on **Lasers, Optics & Photonics**
October 07-09, 2013 Hilton San Antonio Airport, TX, USA

2nd International Conference and Exhibition on **Materials Science & Engineering**
October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Conference on **Forensic Research & Technology**
October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

3rd International Conference on **Nanotek & Expo**
December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

Life Sciences & Environmental

International Conference on **Epidemiology and Evolutionary Genetics**
August 21-23, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference on **Oceanography**
August 21-23, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

2nd International Conference on **Biodefense & Natural Disasters**
August 21-23, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

2nd International Conference on **Hydrology & Groundwater Expo**
August 26-27, 2013 DoubleTree by Hilton, Raleigh, NC, USA

International Symposia on **Entomology**
September 04-06, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

4th World Congress on **Biotechnology**
September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA

2nd International Conference and Exhibition on **Probiotics & Functional Foods**
October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

2nd International Conference and Exhibition on **Food Processing & Technology**
October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA

International Conference on **Fermentation Technology, Bioprocess & Cell Culture**
October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA

International Congress on **Bacteriology & Infectious Diseases**
November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA

2nd International Conference on **Agricultural & Horticultural Sciences**
February 03-05, 2014 Radisson Blu Plaza Hotel, Hyderabad, India

Bookmark your dates

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July 28-30, 2014 San Francisco, USA

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