# Scientific Program



## International Conference and Exhibition on Orthopedics & Rheumatology

August 13-15, 2012 Hilton Chicago/Northbrook, USA



### "Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference e-mail ID or to symposia@omicsonline.com

## **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: orthopedics2012@omicsgroup.com rheumatology2012@omicsonline.com



Orthopedics Track 1: Orthopedic Surgery and Therapy Orthopedics Track 3: Regenerative and Molecular Orthopedics			
	Session Introduction		
10:05-10:25	Title: Treatment of calcaneal fractures: A new approach John Torregrosa, South Florida International Orthopaedics, USA		
10:25-10:45	Title: Changes in lumbar lordosis with AXIALIF interbody fusion   Per Freitag, Southern Illinois University School of Medicine, USA		
	Coffee Break 10:45-11:00		
11:00-11:20	Title: The arachnoiditis: A drama in spinal cord injury Michele Conti, General Hospital Santa Maria del Carmine, Italy		
11:20-11:40	Title: Unilateral surgical treatment has a positive outcome bilaterally for patients with bilateral Achilles Tendinopathy (Tendinosis) Sture Forsgren, Umeå University, Sweden		
11:40-12:00	Title: Microfracture of the knee: Are statistical analyses appropriate to reveal clinically relevant findings concerning outcome and its predictors? Lukas Negrin, Medical University of Vienna, Austria		
12:00-12:20	Title: Deficiency of NFAT1 causes osteoarthritis through dysfunction of cells in multiple joint tissues Jinxi Wang, University of Kansas Medical Center, USA		
	Lunch Break 12:20-13:05		
13:05-13:25	Title: Laser regeneration of cartilage in orthopedics Emil Sobol, Russian Academy of Sciences, Russia		
13:25-13:45	Title: All arthroscopic technique of biological meniscal tear therapy with collagen membrane Tomasz Piontek, Poznan University of Medical Sciences, Poland		
13:45-14:05	Title: Internal derangement of temporomandibular Joint - evolving concepts & management trends Elavenil Panneerselvam, SRM University, India		
14:05-14:25	Title: Cost of treatment of pediatric femoral shaft fractures: Compression plating versus conservative treatment Sharifeh Kamalimotlagh, QOM University of Medicine, Iran		
14:25-14:45	Title: Transpedicular closing wedge osteotomy in the treatment of thoracic and lumbar kyphotic deformity with different etiologies Qingyi He, Third Military Medical University, China		
14:45-14:55	Panel Discussion		

Orthopedics Track 5: Rheumatology Orthopedics Track 6: Current Diagnostics and Standard Treatment in Orthopedics		
	rack 7: Potential Complications of Orthopedic Surgery	
Orthopedics T	rack 8: Potential Drivers of Tomorrows Orthopedics & Rheumatology	
	Session Introduction	
14:55-15:15	Title: Transcriptional regulation in the pathogenesis of osteoarthritis	
14.00-10.10	Alpana Ray, University of Missouri, USA	
15:15-15:35	Title: Diagnosing deep vein thrombosis (DVT) in post-surgical orthopaedic patients	
10.10 10.00	Ibrahim Natalwala, University Hospital North Staffordshire, UK	
	Coffee Break 15:35-15:50	
	Title: Real time embedded foot pressure monitoring and subject specific biomechanical modelling:	
15:50-16:10	An innovative coupling for diagnosis and treatment in orthopaedics	
	Antoine Perrier, Grenoble Joseph Fourier University, France	
16:10-16:30	Title: Efece "A locking-compression device for kirshner-wire fixation"	
	Emre Karadeniz, Baskent University School of Medicine, Turkey	
16:30-16:50	Title: The use of a mobile health platform to improve care after orthopedic procedures Vishal Mehta, Fox Valley Orthopedic Institute, USA	
	Title: The CT diagnosis of sacro-iliac disease	
16:50-17:10	Mark A. Reiley, Berkeley Orthopaedic Medical Group Inc., USA	
	Title: One stage bilateral anterior cruciate ligament reconstruction - Evaluation of cost and mid-term	
17:10-17:30	functional results	
	Matjaz Sajovic, General Teaching Hospital Celje, Slovenia	
17:30-17:50	Title: Percutaneous pedicle screw implantation: En route to fully robotic intraoperative 2d/3d fluoroscopy	
17:30-17:50	Christian Raftopoulos, Université Catholique de Louvain, Belgium	
	Title: Pain relief after manual treatment of the acromioclavicular joint in a 29-year old female,	
17:50-18:10	for remaining symptoms after physiotherapy and mobilization under anaesthesia for adhesive capsulitis - A case study	
	Lilje Stina, Blekinge Institute of Technology, Sweden	
	Title: Septic arthritis of the knee following arthroscopic anterior cruciate ligament reconstruction	
18:10-18:30	Matjaž Sajovic, Sports Rehabilitation Center Celje, Slovenia	
10 00 10 50	Title: Apical derotation in scoliosis, the concept of internal splinting	
18:30-18:50	Wichien Laohacharoensombat, Mahidol University, Thailand	
	Title: Molecular diagnosis and therapeutic studies of spinal muscular atrophy (SMA) and duchenne	
18:50-19:10	muscular dystrophy (DMD); Challenges and opportunities in Malaysia	
	Teguh Haryo Sasongko, Universiti Sains Malaysia, Malaysia	
	Panel Discussion	
19:20-20:20	Cocktails Sponsored by: Orthopedics & Muscular System	

		Day 2	August 14, 2012
07:00-08:30	Registrations		
08:00-08:30	Breakfast		
			Pine
08:30-09:00	<b>Opening Ceremony</b>		
		Кеу	note Forum
09:00-09	9:05 Introduct	ion	
09:05-09	2:30 Charles Case We		m <b>ud</b> rve University School of Medicine, USA
09:30-09	P:55 Bruce P. Primus Ph	Burnett armaceutic	cals, USA
09:55-10	D:20 Bogatke Medical U		<b>lina</b> of South Carolina, USA
10:20-10	<b>Selag Inc.</b>	<b>Gargaun</b> , Canada	

	Pine
Rheumatology	y Track 1: Auto Immune Rheumatic Diseases and Treatment y Track 2: Osteoarthritis and Treatment y Track 6: Drug Therapy for Rheumatic Diseases
Kileoniaiolog	Session Introduction
11:00-11:20	Title: Hospitalizations per lupus year: A measure of cumulative disease impact in systemic lupuserythematosus (SLE) Tammy O. Utset, University of Chicago, USA
11:20-11:40	Title: Interferon alpha as a primary pathogenic factor in human lupus Timothy B. Niewold, University of Chicago, USA Title: Regulation of cartilage homeostasis genes by matrilin-3: Dependency on interlukin-1 receptor
11:40-12:00	antagonist Qian Chen, Brown University, USA
12:00-12:20	Title: Role of microRNA in knee joint OA and pain Hee-Jeong Sampen, Rush University Medical Center, USA Lunch Break 12:20-13:05
13:05-13:25	Title: Giant Cell Arteritis Presenting as Tongue Necrosis   RiteshKohli, Resident Bridgeport Hospital, USA
13:25-13:45	Title: Behçet's disease: An update on the treatment Necati Cakir, Fafih Sultan Mehmet Research and Educational Hospital, Turkey
13:45-14:05	Title: Preclinical evaluation of anti-rheumatic drugs in nonhuman primate models of arthritic disease Michel Vierboom, Biomedical Primate Research Centre, Netherland
14:05-14:25	Title: A novel concept and a cost-effective method to counteract side-effects of non-steroidal anti- inflammatory drugs (NSAIDs): Modulation of biosynthesis of prostaglandin E2 Liubov Gargaun, Selag Inc., Canada
14:25-14:45	Title: Synthesis and biological evaluation of (Z)-2-amino-4-benzylidene-1,3- oxathiolan-5-one derivatives as novel COX-1/2 and 5-LOX inhibitors Dongmei Zhao, Shenyang Pharmaceutical University, China
	Coffee Break 14:45-15:00
15:00-15:20	Title: Chondroitin sulfate and backjeol-tang regulate thymic stromal lymphopoietin production and caspase-1 activation through negative regulation of IL-32 pathways
15:00-15:20 15:20-15:40	Title: Chondroitin sulfate and backjeol-tang regulate thymic stromal lymphopoietin production and caspase-1 activation through negative regulation of IL-32 pathways Hyun-Ja Jeong, Hoseo University, Republic of Korea Title: A novel role for relaxin (RLX) and its receptor (LGR7) in limited systemic sclerosis (ISSc) Claudio Corallo, University of Siena, Italy
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10 45 14 05	Title: TNF-alpha in an experimental model of myositis: Bilateral involvement in response to			
13:45-14:05	unilateral muscle overuse Sture Forsgren, Umea University, Sweden			
14:05-14:25	Title: Multiple factors determine the increased prevalence of atherosclerosis in rheumatoid arthritis Ivanio Alves Pereira, University of Southern Santa Catarina, Brazil			
14:25-14:45	Title: Early diagnosis of Rheumatoid arthritis: An introduction to the newly designed Iran criteria for rheumatoid arthritis Iraj Salehi-Abari, Tehran University of Medical Sciences, Iran			
	Coffee Break 14:45-15:00			
15:00-15:20	Title: Blood tyrosine level as an index of tissue provision with glucocorticoids and as a promising laboratory test for monitoring glucocorticoid therapy Irma.T.Rass, Russian Academy of Sciences, Russia			
15:20-15:40	Title: Knee arthroplasty in patients suffering from rheumatoid arthritis Krishna Mehta, Chandra Knee Clinics, India			
15:40-16:00	Title: Echocardiography in rheumatoid arthritis Malgorzata Wislowska, Central Clinical Hospital, Poland			
16:00-16:20	Title: Osteoarthritis and osteoporosis: Interactions and differences Umberto Tarantino, Tor Vergata University, Italy			
16:20-16:40	Title: Epidemiological study of patients with Rheumatic diseases in rheumatology ward of Imam Khomeini hospital, Teharn, Iran 2007-2011 Sadeghzadeh E, Tehran University of Medical Sciences, Iran			
16:40-16:50	Panel Discussion			
	Pine			
	Poster Presentations			
	Scientific Partnering			
18:10-19:10	Cocktails Sponsored by Journal of Arthritis			

	Day 3 August 15, 2012
08:00-09:00	Registrations
08:30-09:00	Breakfast
	Linden 1
Track 7: New	Treatment Aspects for Rheumatology
	matic Pain and Soft Tissue Pain
Track 9: Gener	tics of Rheumatic Diseases
	Session Introduction
09:00-09:20	Title: Systemic lupus erythematosus: After 50 years no longer "lost in translation" – The pipeline of therapeutic antibodies is here!
	C. Michael Neuwelt, University of California, USA
09:20-09:40	Title: Ultrasound assessment of disease activity in rheumatoid arthritis
09:20-09:40	Nemanja Damjanov, University of Belgrade, Serbia
09:40-10:00	Title: Lubricin, the basis of faulty biolubrication and immunological consequences
09:40-10:00	Niclas G. Karlsson, University of Gothenburg, Sweden
10:00-10:20	Title: Therapy of the osteoarthritis of the temporomandibular joint
10:00-10:20	Vladimir Machon, Charles University, Czech Republic
10:20-10:40	Title: Will interference with cholinergic effects have implications on the inflammatory process in arthritis?
10:20-10:40	Sture Forsgren, Umea University, Sweden
	Coffee Break 10:40-10:55
10:55-11:15	Title: The importance of multidisciplinary assessment of pain in rheumatoid arthritis
10:55-11:15	Tomasevic-Todorovic Snezana, University of Novi Sad, Serbia
	Title: Pain experience and pain coping in rheumatoid arthritis and osteoarthritis: How do patients
11:15-11:35	manage their pain?
	Paula Oliveira, University of Porto, Portugal
11:35-11:45	Panel Discussion
	nopaedic and Muscular Systems el Techniques and Applications in Rheumatology

11:45-12:05	Title: Silencing TNF- $lpha$ in macrophages and dentritic cells for arthritis treatment
12:05-12:25	Chunting ye, Texas Tech University Health Sciences Center, USA
	Title: Total alloplastic temporomandibular joint replacement: The Czech-Slovak initial experience
12:05=12:25	Dusan Hirjak, University Hospital Ruzinov, Slovakia
	Lunch Break 12:25-13:10
13:10-13:30	Title: Mounting evidence for an Erhlichial involvement in Systemic Lupus Erythematosus
13:10-13:30	Charles A Kallick, Rush University Medical Center USA
	Title: Prevalence, patterns and impact of musculoskeletal disorders among sewing machine
13:30-13:50	operators in surulere local government area of lagos state, Nigeria
	Ashiyat Akodu, University of Lagos, Nigeria
	Title: Role of dux4 and pax3/7 interferences in facioscapulohumeral muscular dystrophy (fshd)
13:50-14:10	pathogenesis
	Darko Bosnakovski, University Goce Delcev - Stip, R. Macedonia
	Title: Adoptive cell therapy of cancer and autoimmune diseases employing genetically T cells with
14:10- 14:30	redirected antibody specificity
	Zelig Eshhar, The Weizmann Institute, Israel
14:30- 14:50	Title: Coincidence or association: Coexistence of ankylosing spondylitis and hereditary multiple exostoses
14:30- 14:50	Elham Sadeghzadeh, Tehran University of Medical Sciences, Iran
14:50-15:00	Panel Discussion
	Editorial Board Meetings



## **Bookmark your dates** 2<sup>nd</sup> International Conference and Exhibition on **Orthopedics &** ces Rheumatology

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



## Upcoming 앃 201 JOUC onferences

Accelerating Scientific Discovery



2nd World Congress on Virology

August 20-22, 2012 Embassy Suites Las Vegas, USA



International Conference and Exhibition on Nephrology & Therapeutics

August 20-22, 2012 Hilton Chicago/Northbrook, USA



International Conference on Pathology August 27-29, 2012 DoubleTree by Hilton Philadelphia, USA



2nd World Congress on **Cancer Science & Therapy** September 10-12, 2012 Hilton San Antonio Airport, USA

September 13-15, 2012



Hyderabad International Convention Center, India International Conference on Agricultural & Horticultural Sciences

September 14-15, 2012 Hyderabad International Convention Center, India



2nd International Conference on Pediatrics & Gynaecology September 24-26, 2012 Marriott Convention Center, India



International Conference on **Tissue Science & Engineering** October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA



Forensic Research & Technology October 15-17, 2012 DoubleTree by Hilton Chicago - Northshore, USA



International Conference on **Clinical and Cellular Immunology** October 22-24, 2012 DoubleTree by Hilton Chicago - Northshore, USA



International Conference on **Regenerative & Functional Medicine** November 12-14, 2012 Hilton San Antonio Airport, USA



**Global Biofuels & Bioproduct Summit** November 19-21, 2012 Hilton San Antonio Airport, USA

World Congress on



3rd International Conference on **Analytical & Bioanalytical Techniques** November 22-24, 2012 Hyderabad International Convention Center, India



November 23-24, 2012 Hyderabad International Convention Center, India World

**Toxicology Summit and Expo** November 26-28, 2012 Holdiay Inn San Antonio, USA



### International Summit on GMP&GCP: USA, Europe, Japan & Asia Pacific

December 3-5, 2012 DoubleTree by Hilton Philadelphia Center City, USA



International Conference and Exhibition on Addiction Research & Therapy August 20-22, 2012 Embassy Suites Las Vegas, USA

International Conference on Earth Science & Climate Change August 21-22, 2012 Hilton Chicago/Northbrook, USA

**Occupational Health & Safety** Summit

September 5-7, 2012 DoubleTree by Hilton Philadelphia, USA

International Conference on Hydrology and Ground Water Expo September 10-12, 2012 Hilton San Antonio Airport, USA

International Conference on **Biodiversity and Sustainable Energy Development** September 14-15, 2012 Hyderabad International Convention Center, India

International Conference and Exhibition or **Translational Medicine** September 17-19, 2012

Holdiay Inn San Antonio, USA International Conference on

**Emerging Cell Therapies** October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA



International Conference on Otolaryngology October 15-17, 2012 DoubleTree by Hilton Chicago - Northshore, USA

International Conference on Material Sciences & Engineering

October 22-24, 2012 DoubleTree by Hilton Chicago - Northshore, USA

International Conference on **Pulmonary & Respiratory Medicine** October 29-31, 2012 DoubleTree by Hilton Philadelphia, USA

2nd World Congress on Cell Science & Stem Cell Research November 12-14, 2012 Hilton San Antonio Airport, USA

International Conference and Exhibition on **Probiotics** 

> November 19-21, 2012 Hilton San Antonio Airport, USA

International Conference and Exhibition on Food Processing and Technology November 22-24 2012 Hyderabad International Convention Center, India

Hair Transplantation & Trichology

November 26-28, 2012

Hilton San Antonio Airport, USA





International Conference and Exhibition on **Surgery and Transplantation** November 26-28, 2012 Hilton San Antonio Airport, USA

International Conference on



International Conference on QC, QA and Validation December 3-5, 2012 DoubleTree by Hilton Philadelphia Center City, USA



2<sup>nd</sup> International Conference on **Vaccines & Vaccination** August 20-22, 2012 Hilton Chicago/Northbrook, USA



International Conference and Exhibition on Nutritional Science & Therapy August 27-29, 2012 DoubleTree by Hilton Philadelphia, USA



International Conference on International Conference on Central Nervous System - Drugs Effecting & Novel Drug Development September 5-7, 2012 DoubleTree by Hilton Philadelphia, USA





**Biowaivers and Biosimilars** September 10-12, 2012 Hilton San Antonio Airport, USA

International Conference and Exhibition on **Hotel & Business Management** September 14-15, 2012 Hyderabad International Convention Center, India



3rd International Conference on Diabetes & Metabolism September 24-26, 2012 Marriott Convention Center, India



International Conference and Exhibition on Pharmacovigilance & Clinical Trials October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA



International Conference on **Biothreat & Biodefense** October 15-17, 2012



DoubleTree by Hilton Chicago - Northshore, USA International Expo and Conference on



**Analytrix and HPLC** October 22-24, 2012 DoubleTree by Hilton Chicago - Northshore, USA



International Conference and Exhibition on Computer Aided Drug Design & QSAR October 29-31, 2012

DoubleTree by Hilton Chicago-Northshore, USA

International Conference on Clinical Microbiology & Microbial Genomics

International Conference on

2<sup>nd</sup> International Conference on

November 12-14, 2012 Hilton San Antonio Airport, USA



Genetic Syndromes & Gene Therapy November 19-21, 2012 Hilton San Antonio Airport, USA

**Pharmaceutical Regulatory Affairs** 



Hyderabad International Convention Center, India



November 23-24, 2012



Nanotek and Expo December 3-5, 2012 DoubleTree by Hilton Philadelphia Center City, USA



International Conference on Obesity & Weight Management December 3-5, 2012 DoubleTree by Hilton Philadelphia, USA







Accelerating Scientific Discovery



3rd International Conference on Pharmaceutics & Novel Drug Delivery Research April 8-10, 2013 Hilton Suites Chicago/Magnificent Mile, USA



3rd International Conference on Clinical & Experimental Dermatology April 15-17, 2013

**Biometrics & Biostatistics** 

2nd International Conference and Expo on









2nd International Conference on Gastroenterology & Urology June 10-12, 2013 Hilton Chicago/Northbrook, USA

Hilton Chicago/Northbrook, USA

April 15-17, 2013



3rd International Conference on

**Proteomics & Bioinformatics** 

**Bioavailability & Bioequivalence** 

April 15-17, 2013

May 20-22, 2013

July 15-17, 2013

July 29-31, 2013

August 5-7, 2013

Embassy Suites Las Vegas, USA

Embassy Suites Las Vegas, USA

Hilton Chicago/Northbrook, USA

DoubleTree by Hilton Beijing, China

3rd International Conference on

**Clinical & Experimental Ophthalmology** 

4th World Congress on



2nd International Conference and Exhibition on Neurology & Therapeutics June 17-19, 2013 Hilton Chicago/Northbrook, USA

2nd International Conference and Exhibition on

DoubleTree by Hilton Philadelphia Center City, USA

**Nutritional Science and Therapy** 

Hilton Chicago/Northbrook, USA

June 10-12 2013

July 15-17, 2013



4th International Conference on **Biomarkers & Clinical Research** July 16-17, 2013 DoubleTree by Hilton Philadelphia Center City, USA

2<sup>nd</sup> International Conference and exhibition on



2nd International Conference on Earth Science & Climate Change July 22-24, 2013 Embassy Suites Las Vegas, USA

2nd International Conference and Exhibition on

Nephrology & Therapeutics

International Conference on

**Integrative Biology Summit** 

DoubleTree by Hilton Philadelphia Center City, USA

2nd International Conference and Exhibition on Addiction Research & Therapy July 22-24, 2013 Embassy Suites Las Vegas, USA



3rd International Conference on Vaccines & Vaccination July 29-31, 2013 Embassy Suites Las Vegas, USA



International Conference and Exhibition on **Personalized Medicine & Molecular Diagnostics** August 5-7, 2013 Embassy Suites Las Vegas, USA



2<sup>nd</sup> International Conference and Exhibition on

Pathology

Orthopedics & Rheumatology August 19-21, 2013 Embassy Suites Las Vegas, USA

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Physical Medicine & Rehabilitation August 19-21, 2013 Embassy Suites Las Vegas, USA



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