Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference and Exhibition on
Physical Medicine & Rehabilitation

July 14-16, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA



"Organize your Events at OMICS Group Conferences"

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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Email: *physicalmedicine2014@omicsgroup.us*

Day 1 July 14, 2014

08:30-09:30 **Registrations**

Billie Holiday

09:30-09:55 **Opening Ceremony**

Keynote Forum

09:55-10:00 **Introduction**

10:00-10:30 **George S. Everly**
The Johns Hopkins University School of Medicine, USA

10:30-11:00 **Terry P Haines**
Monash University and Monash Health, Australia

Coffee Break 11:00-11:20 @ Prefunction Area

11:20-11:50 **Alberto Colombi**
University of Pittsburgh, USA

Group Photo

Track 5: Pain and Injury Management
Track 9: Physical Therapy

Session Introduction

Session Chair: Feng Tao, Johns Hopkin University, USA
Session Co-Chair: Flavio Antonio de Sa Ribeiro, Hospital Federal de Bonsucesso, Brazil

12:00-12:25 **Extension back pain in adolescent athletes: Spondylolysis, facet inflammation, and impaired segmental neuromuscular control**
John Winslow, Ithaca College, USA

12:25-12:50 **A novel stem cell therapy for spinal cord injury-induced chronic neuropathic pain**
Feng Tao, Johns Hopkin University, USA

Lunch Break 12:50-13:40 @ Annapolis Room

13:40-14:05 **Assistive devices for ambulation**
Meri Goehring, Grand Valley State University, USA

14:05-14:30 **A comparison of functional walking training using concentric-eccentric resistance on hip muscle strength, balance, and functional mobility in working and retired older adults**
Carol A. Maritz, University of the sciences, USA

14:30-14:55 **A comparison of functional walking training using concentric-eccentric resistance on hip muscle strength, balance, and functional mobility in working and retired older adults**
Flavio Antonio de Sa Ribeiro, Hospital Federal de Bonsucesso, Brazil

14:55-15:20 **Prevention of falls in hospitals. Have we been falling for misconceptions?**
Terry P Haines, Monash University, Australia

Coffee Break 15:20-15:40 @ Prefunction Area

15:40-16:05 **Does a combination of diaphragmatic breathing exercises and yoga techniques help children with asthma better manage their symptoms?**
William Hanlon, Saint Francis University, USA

16:05-16:30	**Adapted exercise therapy program for people with Kyphosis: Indications and contraindications in treatment procedures** **Gill Solberg,** Kibbutzim Collage of Education Technology and Arts, Israel
16:30-16:55	**Post thrombolytic ST segment resolution predict better outcome in MI patient** **Syed Muhammad Adnan Shah,** Ayub Teaching Hospital Abbottabad, Pakistan
18:30-19:30	Cocktails sponsored by **International Journal of Physical Medicine & Rehabilitation @ Prefunction Area**

Day 2 July 15, 2014

Billie Holiday

Track 1: Diet and Physical Health
Track 3: Sports Injury and Rehabilitation
Track 4: Industrial Health and Management
Track 6: Exercise and Trauma
Track 7: Disability and Management

Session Chair: Chin-Moi Chow, The University of Sydney, Australia
Session Co-Chair: Jaya Shanker Tedla, King Khalid University, Saudi Arabia

Session Introduction

10:00-10:25	**Diet and Sleep** **Chin-Moi Chow,** The University of Sydney, Australia
10:25-10:50	**Optimization models for quantifying visual search scanpath efficiency: Measuring treatment recovery in traumatic brain injury** **Gerry Leisman,** The National Institute for Brain and Rehabilitation Sciences, Israel

Coffee Break 10:50-11:10 @ Prefunction Area

11:10-11:35	**Effect of core stability exercises on trunk muscles' endurance and dynamic balance in healthy adults** **Neama H. Neamat Allah,** Cairo University, Egypt
11:35-12:00	**Social support Impact on quality of life and stress level during pregnancy: Future mental & physical health** **Abolfazl Mahmoodi,** Shahid Beheshti Medical University, Iran

Workshop

12:00-13:00	**Strength training in children with spastic diplegia cerebral palsy the past, present and future** **Jaya Shanker Tedla,** King Khalid University, Saudi Arabia

Lunch Break 13:00-13:50 @ Annapolis Room

Symposium

13:50-14:50	Symposia on: **Pelvic floor muscle dysfunction/pre-natal and post-partum physical therapy** **Amy Stein,** Beyond Basics Physical Therapy, USA
14:50-15:15	**Physical activity pattern and personal-social Factors of mothers during preg-nancy and infant birth weight based on met scale: A case-control study** **Zohreh Mahmoodi,** University of Social Welfare and Rehabilitation Sciences, Iran
15:15-15:40	**Diabetes Mellitus type 2 cure using low level Laser** **Islam Medhat Mahmoud,** Cairo University, Egypt

Coffee Break 15:40-16:00 @ Prefunction Area

13:30-14:30	**Poster Session @ Prefunction Area**
18:15-19:15	Cocktails sponsored by **International Journal of Physical Medicine & Rehabilitation @ Prefunction Area**

Day 3 July 16, 2014

Billie Holiday

Track 2: Physical Health and Chronic Health Condition
Track 10: Rehabilitation Techniques
Track 12: Population and Human Health
Track 13: Spinal Cord Injury

Session Chair: Kazuyuki Yoshizaki, Osaka University, Japan
Session Co-Chair: Gerry Leisman, The National Institute for Brain and Rehabilitation Sciences, Israel

Session Introduction

09:30-09:55	**Preoperative neuroscience education for lumbar radiculopathy** **Adriaan Louw,** International Spine and Pain Institute, USA
09:55-10:20	**Role of Interleukin 6 (IL-6) on physical response and inflammatory disease** **Kazuyuki Yoshizaki,** Osaka University, Japan
10:20-10:45	**Constrained induced movement therapy for children with brachial plexus injury: Immediate and long term therapy specific and corticoplasticity related changes** **Tasos Karakostas,** Rehabilitation Institute of Chicago, USA

Coffee Break 10:45-11:05 @ Prefunction Area

11:05-11:30	**Functional connectivities and re-connectivities reflect cognitive modifiability in neurorehabilitation** **Gerry Leisman,** The National Institute for Brain and Rehabilitation Sciences, Israel
11:30-11:55	**Physical medicine in ayurveda: The hidden treasure** **Vishnu P. Joglekar,** Tilak Ayurveda Mahavidyalaya, India
11:55-12:20	**Remarkable efficacy on RA therapy with Interleukin 6 (IL-6) blocking agent, tocilizumab** **Kazuyuki Yoshizaki,** Osaka University, Japan
12:20-12:45	**Labeling of hydroxyapatite particles with β-emitting lanthanoids for radiosynovectomy: Formulation, quality control and bio-evaluation** **Muhammad Sohaib,** Pakistan Institute of Engineering and Applied Sciences, Pakistan
12:45-13:10	**The"one minute paper"- a tool to enhance reflection in physiotherapy students** **Veena Raigangar,** University of Sharjah, Sharjah

Lunch Break 13:10-14:00 @ Annapolis Room

Bookmark your dates

OMICS Group Conferences
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3rd International Conference and Exhibition on

Physical Medicine & Rehabilitation

May 18-20, 2015 San Antonio, USA



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