Scientific Program

2nd International Conference on
Neurological Disorders and Stroke
April 28-30, 2016  Dubai, UAE
Day 1  April 28, 2016

09:00-09:30  Registrations

Grand Hall A

09:30-10:00

Opening Ceremony

Keynote Forum

10:00-10:40  Decompressive Craniectomy for Malignant Middle Cerebral Artery Infarction: Preliminary Experience of a Tertiary Care Center from Saudi Arabia and Current Recommendations
Saleh Baeesa
King Abdulaziz University, Saudi Arabia

Networking & Refreshment Break @ 10:40-11:00

11:00-11:40  Dehydration exacerbates cerebral microvascular responses to hyperthermia
Mohamad Fayez Al Homsi, University of Sharjah, UAE
11:40-12:10  Cardioembolic stroke: A review
Shireen Qureshi
Johns Hopkins Aramco Healthcare, Saudi Arabia

Session on: Cerebrovascular Disorders and Stroke
Session Chair: Saleh Baeesa, King Abdulaziz University, Saudi Arabia

Session Introduction

12:10-12:40  Outcome of Intracranial Arterial Stenting of Symptomatic Atherosclerotic Disease: A Single Center Experience from Saudi Arabia
Saleh Baeesa, King Abdulaziz University, Saudi Arabia
12:40-13:10  HIV Infection as an Independent Risk Factor for Ischemic Stroke in a Portuguese Metropolitan Population
Antonio Pais de Lacerda, Hospital de Santa Maria, Portugal

Lunch Break 13:10-13:55 @ Restaurant 971

13:55-14:25  Endovascular Management for Tandem Occlusions of Anterior Circulation: Systematic Analysis of 99 Patients from Literature
Ibrahim Alnaami, King Khalid University, Saudi Arabia
14:25-14:55  Post Stroke Depression
Wai Kwang Tang, The Chinese University of Hong Kong, Hong Kong
14:55-15:25  Using a ligand-directed thrombotic agent in an animal model of Arteriovenous Malformation (AVM) to induce vascular occlusion
Hari Priya Bandi, Macquarie University, Australia
15:25-15:55  Effect of dietary ginger and turmeric rhizomes on ectonucleotidases, adenosine deaminase and acetylcholinesterase activities in synaptosomes from the cerebral cortex of hypertensive rats
Ayodele Jacob Akinyemi, Afe Babalola University Ado-Ekiti, Nigeria

Networking & Refreshment Break @ 15:55-16:15

Session on: Therapeutic Approaches for Neurological Disorders & Stroke
Session Chair: Mohammed Mansi, University of Minnesota, USA
Session Co-Chair: Margherita Di Paola, LUMSA University, Italy

Session Introduction

16:15-16:45  The potency of Adeno-Associate Viruses in Direct Reprogramming of Astrocytes to Neurons in Stroke Models Across Three Experimental Species: Are We On The Right Path?
Mohammed Mansi, University of Minnesota, USA
16:45-17:15  Correction of structural changes in stroke Ischemic Tissues in the Central Nervous System (CNS) by trophinotropine "Cerebral"
Oleksandr Makarenko, Taras Shevchenko National University of Kyiv, Ukraine
Day 2  
April 29, 2016  
Grand Hall A

Keynote Forum

09:30-10:15  
Toward an Arabic Scales of Cognitive and Communicative Ability for Neuro-rehabilitation  
Yusuf Al-bustanji  
United Arab Emirate University, UAE

Networking & Refreshment Break 10:15-10:30 @ Foyer

10:30-13:00  
Amyotrophe Lateralsklerose (ALS)  
Sponsored by BrünstlMedizin Neuronanomed Zentrum

10:30-10:40  
Introductory session  
Machtoub, Representative BrünstlMedizin, Germany

10:45-11:15  
The clinical picture and concept of ALS in 2016  
Albert Ludolph, RKU -Universitäts-Rehabilitationskliniken, Germany

11:20-11:50  
Metabolic and cognitive patterns in Amyotrophic Lateral Sclerosis  
Marco Pagani, Institute of Cognitive Sciences and Technologies, Italy

11:55-12:25  
Nanomedicine in the diagnosis and therapy of ALS  
Lina Machtoub, Universitätsklinik für Radiologie, BrünstlMedizin, Germany

12:30-13:00  
Long term care of ALS patients  
Ayman Al Boudi, Rashid Hospital, UAE

Lunch Break  13:00-13:45 @ Restaurant 971

Session on: Stroke Rehabilitation and Recovery

Session Chair: Yusuf Al-bustanji, United Arab Emirate University, UAE  
Session Co-Chair: Antonio Incisa della Rocchetta, Wellington Hospital, UK

Session Introduction

13:45-14:15  
Prospective pilot randomised case controlled study on use of optokinetic chart stimulation for recovery of completely hemiplegic acute strokes  
Benjamin Chitambira, East Kent Hospitals University NHS Foundation Trust, UK

14:15-14:45  
Primary motor cortex and “true” motor recovery in chronic stroke  
Ali Bani-Ahmed, University of Tabuk, Saudi Arabia

14:45-15:15  
Prolonged disorders of consciousness- the assessment and therapy pathway  
Antonio Incisa della Rocchetta, Wellington Hospital Acute Neurological Rehabilitation Unit, UK

15:15-15:45  
Decompressive Hemicraniectomy for Malignant Middle Cerebral Artery Stroke: A Case Series of a Single Center in Saudi Arabia  
Saleh Baeesa, King Abdulaziz University, Saudi Arabia

15:45-16:15  
Using advanced technology to maximise patient outcomes in Stroke Rehabilitation  
Tamsin Reed, Wellington Hospital Acute Neurological Rehabilitation Unit, UK

Networking & Refreshment Break 16:15-16:45 @ Foyer

16:45-17:15  
Agrammatism in Arabic Broca’s aphasia  
Yusuf Al-bustanji, United Arab Emirate University, UAE

17:15-17:45  
Using advanced technology to maximise patient outcomes in Stroke Rehabilitation from a Speech and language therapy perspective  
Kathryn Walker, Wellington Hospital Acute Neurological Rehabilitation Unit, UK

17:45-18:15  
Practices, Attitude and Perspectives on Decompressive HemicraniectomyA survey of Neurologists, Neurosurgeons, and intensivists in Saudi and the Gulf  
Hosam Al-Jehani, Dammam University, Saudi Arabia

Poster Presentations 18:15-19:00 @ Foyer

P1  
Effect of Diabetes on hippocampal gene expression  
Jency Thomas, La Trobe University, Australia
P2  **Difference in weight distribution according to upright standing methods in hemiplegic patients**  
Shi-Uk Lee, Seoul National University, Korea

P3  **The effectiveness of a self-management program in preventing complications, promoting self-efficacy and health status in people with spinal cord injury**  
Hsiao-Yu Chen, National Taichung University of Science and Technology, Taiwan

P4  **Effect of Voluntary Running on Expression of Myokines in Brains of rats with Depression**  
Magda A. Eldomiaty, Taibah University, Saudi Arabia

P5  **Patterns of hospital admissions of Stroke Patients to Ibsen SINA teaching Hospital, Sirte Libya**  
Mohammed Sohail Abra, Avalon University School of Medicine, The Netherlands Antilles

P6  **Rehabilitation after Traumatic Brain Injury – My First step...**  
Raquel Neves, Amana Healthcare Medical and Rehabilitation Hospital, UAE

---

**Day 3  April 30, 2016**

**Grand Hall A**

**Keynote Forum**

**10:00-10:45**  
**Multi-faceted stroke care**  
Hosam Al-Jehani  
Dammam University, Saudi Arabia

**Networking & Refreshment Break 10:45-11:10 @ Foyer**

**Corporate Sponsored Session; Amana Healthcare Group**

**11:10-11:40**  
**Patient and Family education in Stroke Rehabilitation**  
Robert Dorsett, Amana Healthcare, UAE

**11:40-12:10**  
**Role of Rehabilitation in Multiple Sclerosis**  
Khalid Anwar, Amana Healthcare, UAE

**12:10-12:30**  
**Spasticity Management in a Sub-Acute and Chronic Care Setting in The UAE.**  
Ruairi Ó Broin, Amana Healthcare, UAE

**Lunch Break 12:30-13:10 @ Restaurant 971**

**Workshop on**

**13:10-14:10**  
**Completing the rehabilitation continuum in UAE: Enabling Community Care & Participation**  
Margeaux Blignaut & Patricia Smith, Amana Healthcare Medical and Rehabilitation Hospital - Al Ain, UAE

**Session on: Neurological and degenerative disorders**

**Session Chair: Margherita Di Paola, LUMSA University, Italy**

**14:10-14:40**  
**Morphological changes of the peripheral nerve of rats after damaging and pharmacological corrections by neuropeptide agents**  
Oleksandr Makarenko, Taras Shevchenko National University of Kyiv, Ukraine

**14:40-15:10**  
**Endovascular and surgical treatment of neurovascular diseases, the cross roads**  
Hosam Al-Jehani, Dammam University, Saudi Arabia

**Networking & Refreshment Break:15:10-15:25 @ Foyer**

**Workshop on**

**15:30-16:30**  
**Advanced Homecare - Prothrombin Time (INR) Testing in a Home Setting**  
Michael Redmond, Amana Healthcare Medical and Rehabilitation Hospital - Al Ain, UAE

---

PeerPoint Medical Education Institute designates the live format for this educational activity for AMA PRA Category 1 Credits™.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

This activity has been approved for 21.5 AMA PRA Category 1 Credit™.
Scientific Program

Proceedings of
Global Summit on Stroke
August 03-05, 2015 Birmingham, UK

Conference Series llc LTD
47 Churchfield Road, London, W3 6AY
Phone: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Toll free: +1-800-216-6499, Email: stroke@conferenceseries.net
### Scientific Program

#### Day 1  August 03, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:30-10:00</td>
<td>Registrations</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>Opening Ceremony</td>
</tr>
<tr>
<td>10:30-11:10</td>
<td>Keynote Forum</td>
</tr>
<tr>
<td>11:30-12:10</td>
<td>Session on: Treatment for Stroke</td>
</tr>
<tr>
<td>14:50-15:20</td>
<td>Session on: Treatment for Stroke</td>
</tr>
<tr>
<td>15:20-15:50</td>
<td>Session on: Treatment for Stroke</td>
</tr>
<tr>
<td>17:10-17:40</td>
<td>Session on: Treatment for Stroke</td>
</tr>
<tr>
<td>12:10-12:40</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>12:40-13:10</td>
<td>Networking &amp; Refreshment Break</td>
</tr>
<tr>
<td>15:20-15:50</td>
<td>Networking &amp; Refreshment Break</td>
</tr>
</tbody>
</table>

#### Session on: Treatment for Stroke

**Session Chair:** Naomi Josman, University of Haifa, Israel  
**Session Co-Chair:** Xin Wang, Harvard Medical School, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30-12:10</td>
<td>Xin Wang</td>
<td>Harvard Medical School, USA</td>
</tr>
</tbody>
</table>

### Keynote Forum

**Howard Prentice**  
Florida Atlantic University, USA

**Xin Wang**  
Harvard Medical School, USA

**Networking & Refreshment Break 11:10-11:30**

**10:30-11:10**  
Cerebral vascular signal transduction: A novel strategy to treat Stroke  
Saema Ansar, Lund University, Sweden

**11:30-12:10**  
Are there differences between Acute and Home-dwelling Stroke clients on their executive functions skills?  
Naomi Josman, University of Haifa, Israel

**Session Introduction**

**12:10-12:40**  
Neuroprotective targeting of mitochondrial and ER stress pathways in rodent models of stroke  
Howard Prentice, Florida Atlantic University, USA

**12:40-13:10**  
Use of the novel optokinetic chart stimulation based OKCSIB protocol for upper limb recovery in dense acute strokes: Insights for future research from a case control series  
Benjamin Chitambira, East Kent Hospitals University NHS Foundation Trust, UK

**14:50-15:20**  
Identification of melatonin receptor 1A agonists as Neuroprotective agents in experimental models of Ischemic injury  
Xin Wang, Harvard Medical School, USA

**15:50-16:20**  
Disorders of glial neocortex homeostasis under reproduction of acute cerebro-vascular pathology in rats  
Oleksandr Makarenko, University of Kyiv, Ukraine

**Discussion and Group Photograph**

**16:40-17:10**  
Nutrition in acute stroke  
Andreas H. Leischker, Alexianer Krefeld GmbH, Germany

**17:10-17:40**  
Stroke: A Neurosurgeon's Perspective  
Vidyasagar Casikar, University of Sydney, Australia

**Panel Discussion**

**Day 2  August 04, 2015**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:40</td>
<td>Keynote Forum</td>
</tr>
<tr>
<td>10:40-11:10</td>
<td>Keynote Forum</td>
</tr>
</tbody>
</table>

**Stefan Golaszewski**  
Paracelsus Medical University Salzburg, Austria

**Saema Ansar**  
Lund University, Sweden
### Session on: Imaging and Diagnosis and Acute Stroke Management

**Session Chair:** Stefan Golaszewski, Paracelsus Medical University Salzburg, Austria  
**Session Co-Chair:** Sikha Saha, University of Leeds, UK

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30-12:00</td>
<td>Use of stroke model in pathophysiology and early diagnosis</td>
</tr>
<tr>
<td></td>
<td>Sikha Saha, University of Leeds, UK</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td>Evaluation of the role of ischemia modified albumin as a new biochemical marker for differentiation between ischemic and hemorrhagic stroke</td>
</tr>
<tr>
<td></td>
<td>Nany Elgayar, Alexandria University, Egypt</td>
</tr>
<tr>
<td>12:30-13:00</td>
<td>Functional improvement in stroke patients in the subacute stage after treatment with whole-hand electrical stimulation</td>
</tr>
<tr>
<td></td>
<td>Stefan Golaszewski, Paracelsus Medical University Salzburg, Austria</td>
</tr>
</tbody>
</table>

**Lunch Break: 13:00-14:00**

---

### Poster Presentations

**Poster Judge:** Howard Prentice, Florida Atlantic University, USA

- **P1**  
  **Pharmacotherapeutic efficiency of Mitochondrin (2) and Cerebral under experimental acute hemorrhagic stroke: influence on glial homeostasis of cerebral cortex of rats**  
  **Oleksandr Makarenko**, University of Kyiv, Ukraine

- **P2**  
  **Program of cardiac prevention and rehabilitation: Useful and necessary tool in the treatment of stroke**  
  **Monica Rincon**, Universidad de La Sabana, Bogota, Colombia

**Networking & Refreshment Break 15:45-16:15**

---

### Young Researcher Forum

**16:15-16:45**  
**Stroke and Neurosurgery: new insights into two unrecognized entities**  
**Bruno Lourenco Costa**, University of Coimbra, Portugal

**16:45-17:15**  
**Cellular damage and changes in glutamate transporters in a murine model of ischemic stroke**  
**Sabah Khan**, University of Leeds, UK

---

### Day 3  
**August 05, 2015**

### Hall 1

**Session on: Epidemiology of Stroke and Stroke risk factors and their Impact**

**Session Chair:** Ihor Huk, Medical University of Vienna, Austria  
**Session Co-Chair:** Ying Li, Nanjing Medical University School of Public Health, China

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:30</td>
<td>Neutrophil Gelatinase-associated Lipocalin (NGAL) - Is it relevant for the characterisation of a vulnerable carotid plaque?</td>
</tr>
<tr>
<td></td>
<td>Ihor Huk, Medical University of Vienna, Austria</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>Features of the collateral circulation in the vertebrobasilar system in the setting of the cervical spinal injury</td>
</tr>
<tr>
<td></td>
<td>Mykola Salkov, Dnipropetrovsk Medical Academy, Ukraine</td>
</tr>
</tbody>
</table>

**Networking & Refreshment Break 11:00-11:30**

---

**11:30-12:00**  
**Effect of COC, hypertension, dyslipidemia and susceptibility on the risk of female stroke in China**  
**Ying Li**, Nanjing Medical University School of Public Health, China

**12:00-12:30**  
**Case fatality of stroke in IRAN: a systematic review and Meta-analysis**  
**Yasaman Khailii**, Iran University of Medical Sciences, Iran

**12:30-13:00**  
**Endothelial dysfunction, oxidative stress, and thrombo-embolism for Stroke in Sub-Saharan Africa**  
**B. Longo-Mbenza**, Walter Sisulu University, South Africa

---

**Panel Discussion**

**Lunch Break: 13:00-14:00**

---

**Closing Ceremony**