

## **Scientific Program**

Proceedings of

# **Global Summit on Stroke**

August 03-05, 2015 Birmingham, UK

Stroke

**OMICS International Conferences**

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# Scientific Program

Day 1 August 03, 2015

09:30-10:00 Registrations

Hall 1



10:00-10:30

## Opening Ceremony

### Keynote Forum

10:30-11:10 **Howard Prentice**  
Florida Atlantic University, USA

Networking & Refreshment Break 11:10-11:30

11:30-12:10 **Xin Wang**  
Harvard Medical School, USA

#### Session on: Treatment for Stroke

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

Session Introduction

12:10-12:40 **Cerebral vascular signal transduction: A novel strategy to treat Stroke**  
Saema Ansar, Lund University, Sweden

12:40-13:10 **Are there differences between Acute and Home-dwelling Stroke clients on their executive functions skills?**  
Naomi Josman, University of Haifa, Israel

Discussion and Group Photograph

Lunch Break 13:20-14:20

14:20-14:50 **Neuroprotective targeting of mitochondrial and ER stress pathways in rodent models of stroke**  
Howard Prentice, Florida Atlantic University, USA

14:50-15:20 **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

15:20-15:50 **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

Networking & Refreshment Break 16:20-16:40

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

Hall 1

### Keynote Forum

10:00-10:40 **Stefan Golaszewski**  
Paracelsus Medical University Salzburg, Austria

10:40-11:10 **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**Session Introduction**

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

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

- 14:00-14:30** **The 10,000 fold effect of retrograde Neurotransmission, A new concept for stroke revival: Use of Intracarotid Sodium Nitropruside**  
Vinod Kumar, Neuro center, India
- 14:30-15:00** **Role & clinical results of stem cell therapy in the management of stroke**  
Alok Sharma, Neuro Gen Brain & Spine Institute, India

**15:00-15:45 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 riskfactors 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**Session Introduction**

- 10:00-10:30** **Neutrophil Gelatinase-associated Lipocalin (NGAL) - Is it relevant for the characterisation of a vulnerable carotid plaque?**  
Ihor Huk, Medical University of Vienna, Austria
- 10:30-11:00** **Features of the collateral circulation in the vertebrobasilar system in the setting of the cervical spinal injury**  
Mykola Salkov, Dnipropetrovsk Medical Academy, Ukraine

**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 Khalili, Iran University of Medical Sciences, Iran
- 12:30-13:00** **Exposome, Aging, infections, Climate change and variability, and biomarkers of inflammation, immune dysfunction, 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**