

# Exploring the new Areas in Cell Science & Stem Cell Research - OMICS Group Medical Conferences

*3rd World Congress on Cell Science & Stem Cell Research to be held during November 20th-22nd, 2013 at DoubleTree by Hilton Baltimore-BWI Airport, USA.*

HENDERSON, NV, USA, July 31, 2013 /EINPresswire.com/ -- 'Cell' is the structural and the functional unit of all the organisms on the earth and Cell Science is a scientific discipline that studies the structure and the physiological characters of these cells. Micro Organisms like Bacteria are unicellular consisting only cell. Human beings are multi cellular organisms with an estimated 100,000,000,000,000 cells. Each cell is an amazing world in itself that absorbs nutrients from the food that the organisms consume and convert them as energy. Cells carry out many specialized functions. They reproduce as and when it is necessary and each cell stores its own set of instructions for carrying these activities.

Stem Cell Research:

Stem cells are biological cells found in all multicellular organisms and each one of them is differentiated into a diverse and specialized cell types with a constantly ability to reproduce stem cells. In adults, stem cells act as repair system of the body, refilling adult tissues. In developing embryo, it not only differentiates into all the specialized cells but also



3rd World Congress on Cell Science & Stem Cell Research 2013



Symposium on Effect of tobacco derived compounds on neurogenesis by Valentina Echeverria Moran, Bay Pines VA Medical Center, USA.

maintain the normal turnover of regenerative organs, like blood, skin and intestinal tissues.

Hence both cells and stem cells assume at most importance to the scientific world and research in these areas adds great value to several therapeutic solutions.

[OMICS Group](#) Inc announced the 3rd World Congress on Cell Science & Stem Cell Research during November 20th-22nd, 2013 at DoubleTree by Hilton Baltimore-BWI Airport, USA. This conference serves as a land reunion for scientists in the area of Stem Cell Research. This conference aims to bring together oncologists, academic scientists, industry researchers and scholars to exchange and share their experiences and research results about all aspects of [Cell Science and Stem Cell Research](#), and discuss the practical challenges encountered and the solutions adopted.

The scientific program will include workshops, symposia and poster sessions on a wide range of Cell Science and Stem Cell topics. The conference will also feature a showcase of exhibitors for you to explore. Leading oncologists will be attending the congress and will also examine innovative scientific breakthroughs in Stem Cell Research from basic science to clinical research.

Prominent Speakers at the Conference include

Peng Loh, NICHD, USA

Haval Shirwan, University of Louisville, USA

Diana Anderson, University of Bradford, UK

Cheng Wang, Food and Drug Administration (FDA), USA

Mahendra S. Rao, NIH Center for Regenerative Medicine, USA

Mahin Khatami, National Cancer Institute, USA

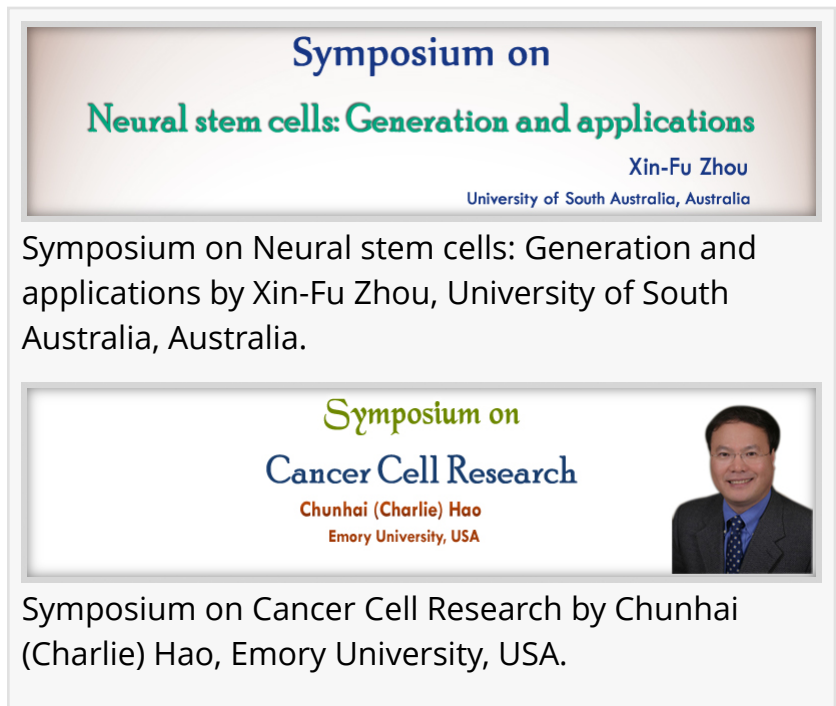
Quesenberry P, Warren Alpert Medical School of Brown University, USA

Baolin Zhang, Food and Drug Administration, USA

Jan Habdas, University of Silesia, Poland

Key research areas for discussion:


- Stem Cell and Cancer Cell Therapy



**Symposium on**  
**Neural stem cells: Generation and applications**  
Xin-Fu Zhou  
University of South Australia, Australia

Symposium on Neural stem cells: Generation and applications by Xin-Fu Zhou, University of South Australia, Australia.

**Symposium on**  
**Cancer Cell Research**  
Chunhai (Charlie) Hao  
Emory University, USA



Symposium on Cancer Cell Research by Chunhai (Charlie) Hao, Emory University, USA.

- Stem Cell Transplantation
- Tumour Science
- Leukemia's: Antileukemic Drugs
- Nanotechnology: Stem Cells and Cancer
- Apoptosis and Disease
- Metabolic Regulation: Cell-Based Assays
- Emerging Technologies
- Stem Cells: Current Research
- Stem Cell Biology
- Stem Cell Treatment
- Recent Trends in Cell Biology of Aging

#### Symposiums

- Symposium on Effect of tobacco derived compounds on neurogenesis by Valentina Echeverria Moran, Bay Pines VA Medical Center, USA.
- Symposium on Neural stem cells: Generation and applications by Xin-Fu Zhou, University of South Australia, Australia.
- Chunhai (Charlie) Hao, Emory University, USA conducts a symposium on Cancer Cell Research

For more details on Cell Science-2013 Congress, please visit:

<http://www.omicsgroup.com/conferences/cellscience-2013/>

For more details contact

Rad Emani

Cell Science-2013 Organizing Committee

[Medical Conferences](#)

2360 Corporate Circle

Suite 400, Henderson

NV 89074-7722, USA

Phone +1-888-843-8169

Fax +1-650-618-1417

Toll Free +1-800-216-6499

E-mail: [cellscience2013@omicsgroup.info](mailto:cellscience2013@omicsgroup.info) (or) [cellscience2013@omicsonline.us](mailto:cellscience2013@omicsonline.us)

Rad Emani

OMICS Group Incorporation

+1-888-843-8169

[email us here](#)

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