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 mail ids or to symposia@omicsonline.com.
### Opening Ceremony

### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:05</td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td>09:05-09:30</td>
<td>Sudhakar Akul Yakkanti</td>
<td>Boys Town National Research Hospital, USA</td>
</tr>
<tr>
<td>09:30-09:55</td>
<td>Alexei G. Basnakian</td>
<td>University of Arkansas for Medical Sciences, USA</td>
</tr>
<tr>
<td>09:55-10:20</td>
<td>Dan Dixon</td>
<td>University of South Carolina, USA</td>
</tr>
</tbody>
</table>

Coffee Break 10:20-10:35

10:35-11:00 Sophia Ran
Southern Illinois University School of Medicine, USA

11:00-11:25 Homer S Black
Baylor College of Medicine, USA

### Track 1: Organ-Specific Cancers

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:25-11:45</td>
<td>Prevention of Barrett’s Esophagus (BE) and Esophageal Adenocarcinoma (EAC) in the Levrat rat model of EAC by treatment with the smoothened (SMO) inhibitor</td>
<td>Michael K. Gibson</td>
<td>University of Pittsburgh, USA</td>
</tr>
<tr>
<td>11:45-12:05</td>
<td>Glutamine drives glucose-independent TCA cycle</td>
<td>Anne Le</td>
<td>Johns Hopkins University School of Medicine, USA</td>
</tr>
<tr>
<td>12:05-12:25</td>
<td>A new approach in the treatment of Radiation-Induced delayed brain injuries of NPC</td>
<td>Yanqing Feng</td>
<td>Sun Yat-sen University, China</td>
</tr>
</tbody>
</table>

Lunch Break 12:25-13:10

13:10-13:30 Mobile phones and cancer: Evaluation of the international agency for research on cancer
Vijayalaxmi, University of Texas Health Science Center, USA

13:30-13:50 Exposure to heavy ion space radiation enhances risk of colorectal cancer in apcmin/+ mouse model
Kamal Datta, Georgetown University Medical Center, USA

13:50-14:10 Longitudinal monitoring of EGFR mutation and amplification status in circulating epithelial tumor cells (CETC) of lung cancer patients
Pachmann Katharina, Universitätshilikonikum Jena, Germany
Title: Blood glutamate scavengers prolong the survival of rats and mice with brain-implanted gliomas
Angela Ruban, Weizmann Institute of Science, Israel

Title: A metabonomic evaluation of the Balkan Endemic Nephropathy
Jean-Marie Colet, University of Mons, Belgium

Title: Microarray analysis reveals salinomycin-induced apoptosis and - activated endoplasmic reticulum stress of human prostate cancer PC-3 cells
Soon-Cheol Ahn, Pusan National University School of Medicine, Korea

Coffee Break 15:10-15:25

Title: Autophagy induced by 5-fluorouracil and hypoxia in CD133+ colon carcinoma cells maintain the cytoactive
Min Li, Lanzhou University, China

Title: MicroRNAs as novel therapeutic adjuvants to treat drug resistant breast cancers
Manjeet K Rao, University of Texas Health Science Center, USA

Title: Safety and efficacy of non-pegylated liposomal doxorubicin (NPLD) at two different dose levels as compared to conventional doxorubicin in patients (pts) with metastatic breast cancer (MBC): A phase II/III open label multicentric randomized trial
Rajendra Jani, Cadila Healthcare Limited, India

Title: Comparison of various strategies for colorectal cancer screening tests
Pavel Wohl, Institute for Clinical and Experimental Medicine, Czech Republic

Title: Prolylcarboxypeptidase may contributes to the disease process of prostate cancer
Zia Sharif-Madar, The University of Mississippi, USA

Title: Cancer Stem cells and biological behavior of head and neck squamous cell cancer
Stefania Staibano, University of Naples, Italy

Title: Induction of apoptosis in breast cancer cells MCF7 by K. Foetidissima
Lesetja Motadi, University of the Witwatersrand, South Africa

Breakout 2

Track 2: Cancer Cell Biology
Track 3: Cancer Genetics

Session Introduction

Title: Endogenous angioinhibitors from Type IV collagen and their mechanism(s) of action
Sudhakar Akul Yakkanti, Boys Town National Research Hospital, USA

Title: Cystatins as inhibitors of metastatic disease
James L. Cox, AT Still University, USA

Title: Differential activation of signaling pathways in epithelial cells in response to cigarette smoking
Limei Chen, University of Central Florida College of Medicine, USA

Lunch Break 12:25-13:10

Title: Regulation of miR-483 locus in Hepatocarcinoma cancer cells
Angelo Veronese, G. d’Annunzio University, Italy

Title: Death receptor mediates apoptosis activation by extracellular matrix molecule
Raj Kumar Verma, Boys Town National Research Hospital, USA

Title: Targeting selective chemosensitization of cancer by phytochemicals
Rajendra Sharma, University of North Texas, USA
Title: Regulation of tumor growth and metastasis through inhibition of Laminin-10 degradation by Col4(α6)NC1
Venugopal Gunda, Boys Town National Research Hospital, USA

Title: LETM1 as a novel target for warburg effects in human cancers
Jongsun Park, Chungnam National University, South Korea

Title: Functional characterization of extracellular matrix derived endogenous angiinhibitor molecule
Smita C. Pawar, Boys Town National Research Hospital, USA

Coffee Break 15:10-15:25

Title: Transforming growth factor-beta receptor interacting protein 1 negatively regulates Ezrin-mediated cancer cell migration
Fei Yan, Tsinghua University, China

Title: Redox-sensitive inhibition of Hsp90 disrupts the super-chaperone complex and attenuates pancreatic adenocarcinoma
Chitra Mandal, Council of Scientific and Industrial Research, India

Title: Long-term exposure to cigarette smoke extract induces hypomethylation in the RUNX3, H19, and IGF2 Loci in cultured urothelial cells
Karl X. Chai, University of Central Florida College of Medicine, USA

Title: Exploiting anti-tumor immunity to overcome relapse and improve remission duration
Lei L Chen, "Retired", MD Anderson Cancer Centre, USA

Title: HuR and doxorubicin: how an RNA binding protein is involved in drug resistance
Alessandro Provenzani, University of Trento, Italy

Title: Infratentorial tuberculoma mimics tumor in immunocompetent adults: An analysis of 11 patients
Yanqing Feng, Sun Yat-sen University, China

Panel Discussion

Coffee Break 11:00-11:15

Title: From in silico discovery to anti-cancer activity: Targeting the non-ATP binding site of C-Jun N-terminal kinase
Tamer S. Kaoud, The University of Texas at Austin, USA

Title: Theranostic nanoparticles for personalized cancer therapy
Lily Yang, Emory University School of Medicine, USA

Title: Chloroquine and Its analogs: A new promise of an old drug in cancer therapy
Hoyun Lee, Northeast Cancer Centre, Canada

Cocktails: Sponsored by Journal of Cancer Science & Therapy
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15-11:35</td>
<td>Endonuclease delivery as a new anti-cancer therapy</td>
<td>Alexei G. Basnakan, Alexei G. Basnakan</td>
<td>University of Arkansas for Medical Sciences, USA</td>
<td>USA</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Moving forward with an immunotherapy for the prevention of breast cancer recurrence</td>
<td>Thomas Kieber-Emmons, Thomas Kieber-Emmons</td>
<td>University of Arkansas for Medical Sciences, USA</td>
<td>USA</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Overcoming drug resistance in cancer through modulation of ROS</td>
<td>Amit Maiti, Amit Maiti</td>
<td>Oklahoma Medical Research Foundation, USA</td>
<td>USA</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Cholesterol masking of carbohydrate tumour antigens blocks tumour immune recognition and sheds new light on statin-based antineoplastic benefit</td>
<td>Clifford A. Lingwood, Clifford A. Lingwood</td>
<td>University Health Network, Canada</td>
<td>Canada</td>
</tr>
<tr>
<td>Lunch Break 12:35-13:20</td>
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</tr>
<tr>
<td>13:20-13:40</td>
<td>The anti-proliferative activity of IRF-1 depends on a phospho-dependent degradation switch</td>
<td>Nicole Clarke, Nicole Clarke</td>
<td>University of Nottingham, UK</td>
<td>UK</td>
</tr>
<tr>
<td>13:40-14:00</td>
<td>Derivative of antiviral agent and histone deacetylase inhibitor selectively targeting viral and non-viral associated malignancies</td>
<td>Ada Rephaeli, Ada Rephaeli</td>
<td>Felsenstein Medical Research Center, Israel</td>
<td>Israel</td>
</tr>
<tr>
<td>14:00-14:20</td>
<td>Enhancing low dose doxorubicin-induced MCA-fibrosarcoma killing through an immunomodulator-mediated natural killer activation</td>
<td>Khalid Z. Matalka, Khalid Z. Matalka</td>
<td>Petra University, Jordan</td>
<td>Jordan</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>Toll-Like receptor 7 regulates pancreatic carcinogenesis</td>
<td>Adeel Ur Rehman, Adeel Ur Rehman</td>
<td>NYU School of Medicine, USA</td>
<td>USA</td>
</tr>
<tr>
<td>14:40-15:00</td>
<td>Refinement of the free radical theory of cancer: Dietary recommendations</td>
<td>Homer Black, Homer Black</td>
<td>Baylor College of Medicine, USA</td>
<td>USA</td>
</tr>
<tr>
<td>15:00-15:20</td>
<td>Is it time to investigate radiation hormesis as a method of reducing cancer mortality?</td>
<td>Mohan Doss, Mohan Doss</td>
<td>Fox Chase Cancer Center, USA</td>
<td>USA</td>
</tr>
<tr>
<td>15:20-15:40</td>
<td>Important chromatin modifiers in metastatic breast cancer</td>
<td>Sandip K. Mishra, Sandip K. Mishra</td>
<td>Institute of Life Sciences, India</td>
<td>India</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td>Anticancer activity of 1,4-dihydropyridine derivatives</td>
<td>Surendra Kumar, Surendra Kumar</td>
<td>J.J Engineering College &amp;Technology, India</td>
<td>India</td>
</tr>
<tr>
<td>16:15-16:35</td>
<td>Transcriptional response of DNA repair genes to DNA damage in cancer cells</td>
<td>Daekyu Sun, Daekyu Sun</td>
<td>University of Arizona, USA</td>
<td>USA</td>
</tr>
<tr>
<td>16:35-16:50</td>
<td>Panel Discussion</td>
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<tr>
<td>Coffee Break 15:40-15:55</td>
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<tr>
<td>16:55-17:15</td>
<td>Cybrid model to understand mitochondria-nuclear cross talk in cancer</td>
<td>Benny Abraham Kaipparettu, Benny Abraham Kaipparettu</td>
<td>Baylor College of Medicine, USA</td>
<td>USA</td>
</tr>
</tbody>
</table>

Day 3
September 12, 2012

**Track 8: Advances in Cancer Detection and Imaging**

- **Title:** Cybrid model to understand mitochondria-nuclear cross talk in cancer
- **Presenter:** Benny Abraham Kaipparettu, Baylor College of Medicine, USA
<table>
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<tr>
<td>10:20-10:40</td>
<td>Monomers to nanoplatforms for tumor-imaging and phototherapy</td>
<td>Ravindra K. Pandey</td>
<td>Roswell Park Cancer Institute, USA</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Occupational cancer in Australia and challenges in diagnosis</td>
<td>Le Jian</td>
<td>Curtin University School of Public Health, Australia</td>
</tr>
<tr>
<td></td>
<td>Coffee Break 11:00-11:15</td>
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</tr>
<tr>
<td>11:15-11:35</td>
<td>MR imaging biomarker of cancer mitochondrial redox state</td>
<td>Kejia Cai</td>
<td>University of Pennsylvania School of Medicine, USA</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Comprehensive study of oral squamous cell carcinoma patients using blood samples and gene expression profiles</td>
<td>Nobuo Kondoh</td>
<td>Asahi University School of Dentistry, Japan</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Label-free quantification of diagnostic biomarkers of microRNAs using Ligase-assisted sandwich hybridization on a DNA microarray</td>
<td>Takashi Funatsu</td>
<td>The University of Tokyo, Japan</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Microsatellite instability: A potential target for development of new cancer biomarkers</td>
<td>Prakash. C Sharma</td>
<td>GGS Indraprastha University, India</td>
</tr>
<tr>
<td>12:35-12:50</td>
<td>Panel Discussion</td>
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<tr>
<td></td>
<td>Lunch Break 12:50-13:35</td>
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</tbody>
</table>

**Bookmark your dates**

3rd World Congress on Cancer Science & Therapy

September 23-25, 2013 Chicago, USA
Upcoming Conferences

3rd World Congress on Biotechnology
Hyderabad International Convention Center, India - September 13-15, 2012

International Conference on Agricultural & Horticultural Sciences
Hyderabad International Convention Center, India - September 14-15, 2012

International Conference on Translational Medicine
Hilton San Antonio Airport, USA - September 17-19, 2012

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

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

International Conference on Emerging Cell Therapies
DoubleTree by Hilton Chicago - Northshore, USA - October 1-3, 2012

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

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

International Conference on Material Sciences & Engineering
DoubleTree by Hilton Chicago - Northshore, USA - October 22-24, 2012

International Expo and Conference on Analytrix and HPLC
DoubleTree by Hilton Chicago - Northshore, USA - October 22-24, 2012

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

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

International Conference and Exhibition on Computer Aided Drug Design & QSAR
DoubleTree by Hilton Chicago-Northshore, USA - October 29-31, 2012

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

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

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

International Conference and Exhibition on Probiotics
Hilton San Antonio Airport, USA - November 19-21, 2012

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

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

2nd International Conference on Pharmaceutical Regulatory Affairs
Hyderabad International Convention Center, India - November 23-24, 2012

International Conference and Exhibition on Cosmetology & Cosmetics
Hyderabad International Convention Center, India - November 23-24, 2012

International Conference on Hair Transplantation & Trichology
Hilton San Antonio Airport, USA - November 26-28, 2012

International Conference on Anesthesia & Perioperative Care
Hilton San Antonio Airport, USA - November 26 - 28, 2012

International Summit on Toxics Summit and Expo
Hilton San Antonio Airport, USA - November 26-28, 2012

International Conference on Toxicology Summit and Expo
Hilton San Antonio Airport, USA - November 26-28, 2012

International Conference on QC, QA and Validation
Hilton San Antonio Airport, USA - December 3-5, 2012

International Conference on Analytical & Bioanalytical Techniques
DoubleTree by Hilton Philadelphia Center City, USA - December 3-5, 2012

International Conference on GMP & GCP: USA, Europe, Japan & Asia Pacific
DoubleTree by Hilton Philadelphia Center City, USA - December 3-5, 2012

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

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

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

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

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

International Conference on GMP & GCP: USA, Europe, Japan & Asia Pacific
DoubleTree by Hilton Philadelphia Center City, USA - December 3-5, 2012

International Conference on Obesity & Weight Management
DoubleTree by Hilton Philadelphia Center City, USA - December 3-5, 2012
Upcoming Conferences
OMICS Group
Accelerating Scientific Discovery

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

2nd World Congress on Metabolomics & Systems Biology
April 8-10, 2013
Hilton Suites Chicago/Magnificent Mile, USA

3rd International Conference on Clinical & Experimental Ophthalmology
April 15-17, 2013
Hilton Chicago/Northbrook, USA

3rd International Conference on Clinical & Experimental Dermatology
April 15-17, 2013
Hilton Chicago/Northbrook, USA

4th World Congress on Bioavailability & Bioequivalence
May 20-22, 2013
DoubleTree by Hilton Beijing, China

2nd International Conference and Expo on Biometrics & Biostatistics
June 10-12, 2013
Hilton Chicago/Northbrook, USA

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

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

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

3rd World Congress on Virology
July 11-13, 2013
Embassy Suites Las Vegas, USA

3rd International Conference on Proteomics & Bioinformatics
July 15-17, 2013
DoubleTree by Hilton Philadelphia Center City, USA

2nd International Conference and Exhibition on Nutritional Science and Therapy
July 15-17, 2013
DoubleTree by Hilton Philadelphia Center City, USA

International Conference on Animal & Dairy Sciences
July 23-24, 2013
Embassy Suites Las Vegas, USA

2nd International Conference and Exhibition on Nephrology & Therapeutics
July 29-31, 2013
Embassy Suites Las Vegas, USA

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

International Conference on Pathology
August 5-7, 2013
Embassy Suites Las Vegas, USA

2nd International Conference and Exhibition on Orthopedics & Rheumatology
August 19-21, 2013
Embassy Suites Las Vegas, USA

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

International Conference on Dental & Oral Health
August 19-21, 2013
Embassy Suites Las Vegas, USA

International Conference and Exhibition on Solar Systems & Power Generation Technologies
August 19-21, 2013
Hyderabad, India

OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
omicsonline@omicsonline.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
omicsonline@omicsonline.org

OMICS Group
1-901, Plot No. 20, Kavuri Hills
Madhapur - HITEC City
Hyderabad, A P, INDIA - 500 081
Ph: 040-40206068, 40131823
omicsgroup@omicsgroup.org

Toll free
USA & Canada: 1-800-216-6499
Australia: 1-800-651-097
Europe: 0805-080048