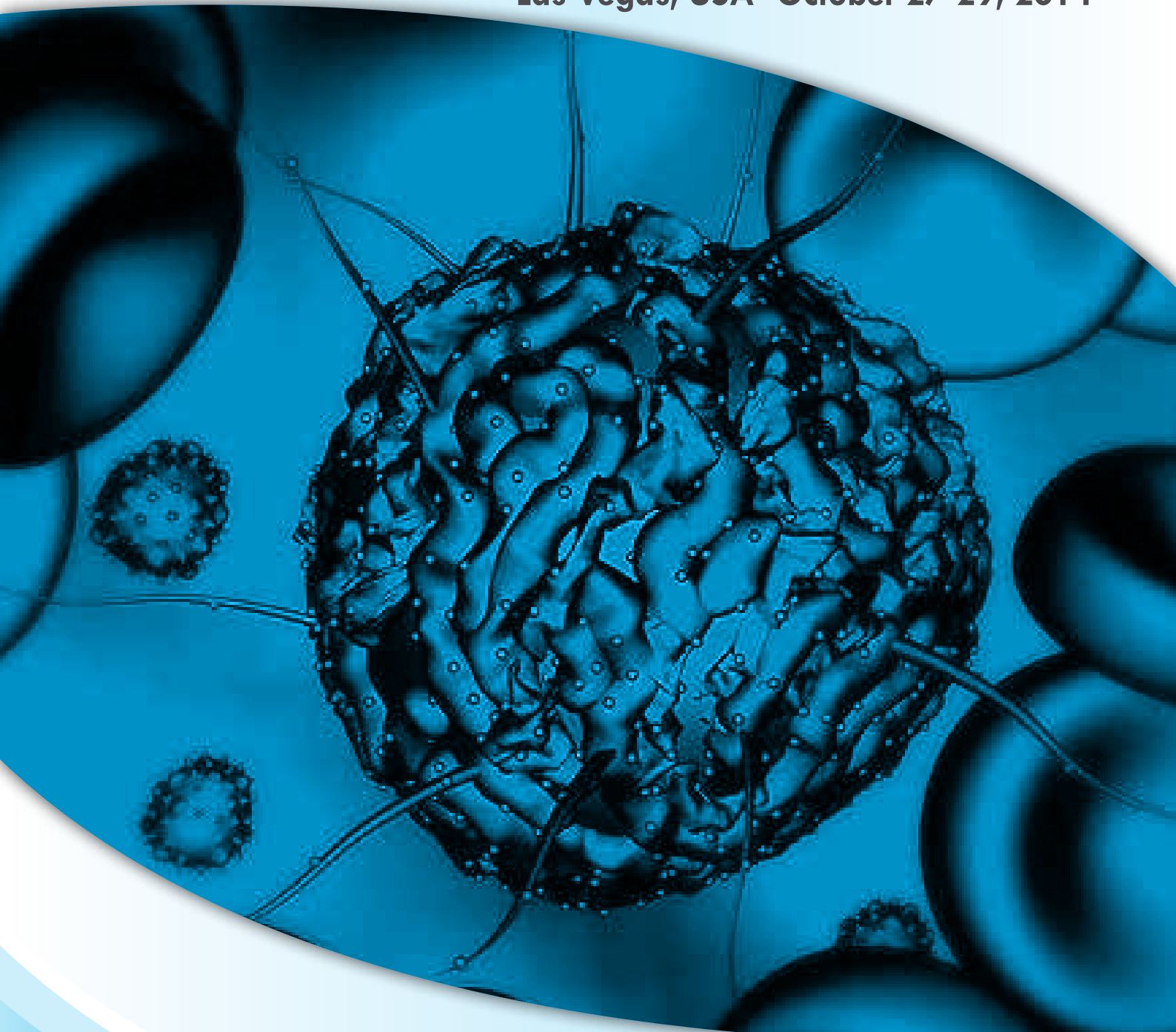


3rd International Conference and Exhibition on

Cell & Gene Therapy

Las Vegas, USA October 27-29, 2014



Conference Secretariat

5716 Corsa Ave., Suite 110, West Lake, Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499

Email: celltherapy2014@conferenceseries.net
celltherapy2014@omicsgroup.us
celltherapy2014@omicsonline.net



Invitation

OMICS Group welcomes you to attend the **3rd International Conference and Exhibition on Cell & Gene Therapy** during October 27-29, 2014 at Las Vegas, USA.

We cordially invite all the participants who are interested in sharing their knowledge and research in the arena of Cell & Gene Therapy.

Cell Therapy-2014 anticipates more than 300 participants around the globe with thought provoking Keynote lectures, Oral and Poster presentations. The attending delegates include Editorial Board Members of related OMICS Group Journals.

This is an excellent opportunity for the delegates from Universities and Institutes to interact with the world class Scientists.

The intending participants can confirm their participation by registering for the conference along with your colleagues. Avail the delegate early bird offer.

The main theme of the conference is "**Uncover the potential that lies within the cell.**"


Regards,

Cell Therapy-2014 Organizing Committee



About Us

OMICS Group Journals

- 300 Open Access Journals
- 21 Day rapid review process
- 22000 Editorial team, 27000 Reviewers team
- 2.5 Million readers and high visibility
- More than 100000 
- Publication immediately after acceptance
- Quality and quick editorial, review processing

Key features

- User friendly/feasible website translation of your paper to 50 world's leading languages
- Enhanced feature: Audio version of published paper
- Digital articles to share and explore
- Sharing option: Social networking enabled
- Authors, reviewers and editors are provided with scientific credits

OMICS Group Conferences

- 80 Conferences all over the World every year
- Well organized scientific program
- Renowned speakers and scientists across the globe
- Poster presentations and world class exhibits
- Panel discussions and interactive sessions
- B2B meetings
- Perfect platform for Global Networking

Key features

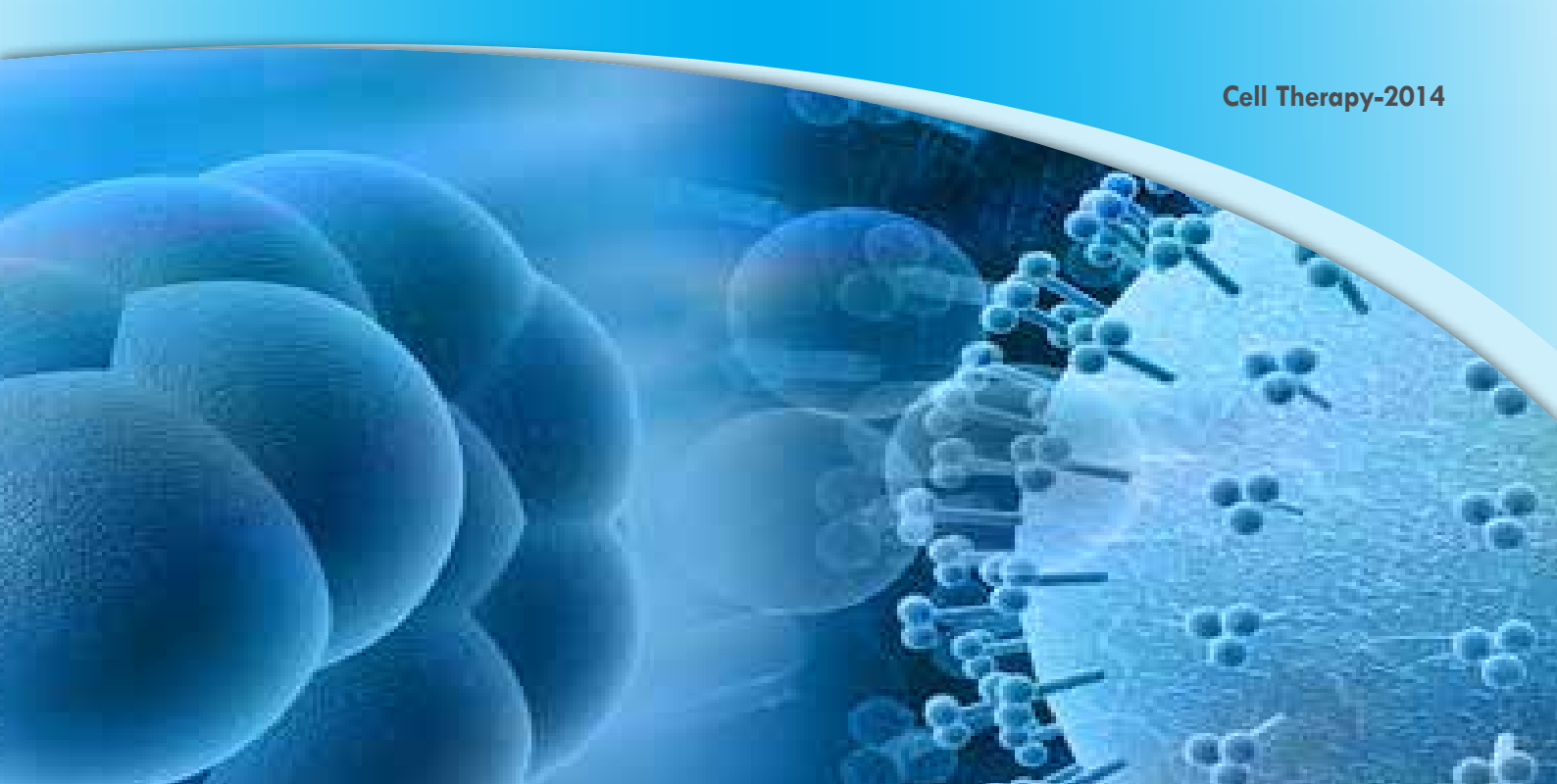
- Presentation by renowned speakers from all over the world
- Poster presentations and world class exhibits
- Interactive Sessions
- Platform for global networking
- Connecting scientific community



Special Issues

All accepted abstracts will be published in respective OMICS Group Journals

Each abstract will be provided with digital Object Identifier by 



The field of Cell & Gene Therapy is growing rapidly and its development is making tremendous impacts in medical sciences and pharmaceuticals. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors.

Cell Therapy-2014

- Opportunity to attend the presentations delivered by eminent scientists from all over the world
- Selected contributions will be published in following OMICS Group Journals,
 - Journal of Stem Cell Research & Therapy
 - Journal of Genetic Syndromes & Gene Therapy
 - Journal of Cell Science & Therapy
- Participation in sessions on specific topics on which the conference is expected to achieve progress
- Global networking: In transferring and exchanging ideas
- Share your excitement in promoting Health care, Clinical R & D
- Conference brings together Scientific Researchers, Business Entrepreneurs and Pharma, Biotech & Healthcare, Industry Developers

Scientific Sessions

- » Plant Stem Cell Rejuvenation
- » Plant Stem Cells: Human Therapeutics
- » Cell & Gene Therapy- Potential Applications
- » Stem Cell Therapies
- » Cellular Therapies
- » Advanced Gene Therapeutics
- » Immunotherapy
- » Cancer Therapies
- » Nano-Therapy
- » Bioengineering Therapeutics
- » Clinical Trials & Research in Cell & Gene Therapies
- » Regulatory & Ethical Issues of Therapies

Organizing Committee Members

Jagat Kanwar
Deakin University, Australia

Paul L Hermonat
Central Arkansas Veterans Healthcare System, USA

Morayma Reyes
University of Washington, USA

Madhusudan V. Peshwa
MaxCyte, Inc., USA

Meng, Xianmei
David Geffen School of Medicine, USA

Yinling Hu
National Cancer Institute, USA

Venkatachalam K.V.
Nova Southeastern University, USA

Raj Kumar
Commonwealth Medical College, USA

Vikas Leelavati Balasaheb Jadhav
Dolphin Family, India

Jianfeng Lu
University of Wisconsin-Madison, USA














Student Privileges






- Interaction with World Class Experts from both Academia/Industries helps in updating the knowledge at interactive sessions
- Share your excitement in promoting your company and ideas with Eminent Scientists, Research Scholars & Related Companies
- Global networking: In transferring and exchanging ideas
- Conference brings together Scientific Researchers, Business Entrepreneurs and Pharma, Biotech & Healthcare Industry Developers
- Special privileges like **Best poster award, Student Fellowship, Young Research forum**

Highlights of Cell Therapy-2014

- Plenary sessions
- EB Meeting
- Speaker sessions
- Young Research Forum
- Poster sessions
- Best poster awards
- Quality review process
- Symposiums and Workshops
- Exhibitions and much more...

Session Speakers

| | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Yinling Hu National Cancer Institute, USA Title: A new lung cancer mouse model</p> |
|  | <p>Rafael Gonzalez DaVinci Biosciences, LLC USA Title: The use of bone marrow stem cells for osteoarthritis</p> |
|  | <p>Bhuvnesh K. Sharma ScyTek Laboratories Inc., USA Title: Newer paradigm of melanoma stem cell directed therapy in human melanoma</p> |
|  | <p>Paul J. Davis Albany Medical College, USA Title: Nanotetrac targets the thyroid hormone receptor on integrin $\alpha v \beta 3$ on tumor cells to promote apoptosis, disorder cell defense pathways and block angiogenesis</p> |
|  | <p>Stephen Lin Life Technologies, USA Title: Creation of iPSC-lines from patients with Parkinson's disease for biological study and drug screening</p> |
|  | <p>Jan Oxholm Gordeladze University of Oslo, Norway Title: Key regulatory junctions stabilizing the osteoblast phenotype: Implications for cell and tissue engineering</p> |
|  | <p>Philippe Boucher University of Strasbourg, France Title: A TGF/LRP1/Wnt5a pathway protects against intracellular cholesterol accumulation through inhibition of 3-hydroxy-3-methylglutaryl coenzyme A reductase activity, and increased cholesterol efflux</p> |
|  | <p>Johan Hyllner Cell Therapy Catapult, UK Title: Growing a cell therapy industry: Opportunities and challenges</p> |
|  | <p>Wolfram Samlowski University of Nevada, USA Title: Culture of circulating tumor cell (CTC)-derived tumor cells as a potential platform for cancer vaccine development</p> |
|  | <p>Noah Weisleder The Ohio State University, USA Title: Injection of encapsulated embryonic stem cells improves cardiac structure and function following myocardial infarction in the absence of tumor formation</p> |
|  | <p>Kate E. Broderick Inovio Pharmaceuticals, USA Title: Generation of robust immunity following DNA vaccine immunization enhanced by intradermal electroporation</p> |
|  | <p>Xiaopeng Li University of Iowa, USA Title: Integrin $\alpha 6 \beta 4$ identifies human distal lung epithelial progenitor cells with potential as a cell-based therapy for cystic fibrosis lung disease</p> |
|  | <p>Zorica Becker-Kojic ACA CELL Biotech R&D Centre for Autologous Adult Stem Cell Therapies, Germany Title: Neuronal differentiation of human ACA-generated pluripotent stem cells and their potential application in cell replacement therapy</p> |

| | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Anelia Atanassova BioGlobaX Inc., Canada Title: Pros and cons of protein manufacturing for cell therapy</p> |
|  | <p>Alain Chapel Institut of Radiation and Nuclear safety, France Title: Treatment with mesenchymal stem cells (MSC) of lesions induced by accidental irradiation and radiotherapy</p> |
|  | <p>Denis Ivanov Scientific Research Institute for New Medical Technologies, Russia Title: Cell therapy patients with cardiomyopathy</p> |
|  | <p>Jan H. Spaas Global Stem cell Technology, Belgium Title: Wound healing capacities of allogenic skin-derived stem cells in a large animal model</p> |
|  | <p>Vasiliki E. Kalodimou IASO Maternity Hospital, Greece Title: The effects of infused mesenchymal stem cells obtained by adipose tissue (ADSCs) to treat chronic scar tissue of the vocal cords in an animal model</p> |



Exhibitor:**Bio-Synthesis**

Founded in 1984 as OCS Laboratories, Bio-Synthesis, Inc. became the first producer of commercially available synthetic DNA. In 1985, the company expanded its operation to become a producer of synthetic peptides. Five years later, OCS became incorporated as Bio-Synthesis, Inc. and moved its laboratories to Lewisville. Bio-Synthesis now occupies 10,000 square feet of modern laboratory space 20 miles from downtown Dallas and 10 miles from D/FW airport. Bio-Synthesis maintains a vibrant relationship with surrounding academic institutions including the University of Texas Southwestern Medical School, the University of North Texas, and the University of North Texas Medical Center. Under this dynamic partnership, Bio-Synthesis has steadily expanded its product and service offerings, and the university community has benefited from presentations by Bio-Synthesis employees. Without compromising quality it has maintained its position as an aggressive, innovative company in a highly competitive marketplace. To its original focus on synthesizing high-quality DNA primers and linkers which were the initial uses of oligos. BSI has added DNA paternity testing, DNA HLA typing, PNA's, genomic sequencing, fluorescence-based genotyping, custom organic synthesis and other molecular-biology-based applications to serve a growing customer base challenged by gene construction, PCR, mutagenesis, combinatorial libraries, dye/adduct labeling, DNA microarrays, and peptide-nucleic acid chimerics.



Biomedical researchers in universities, biotech companies, private clinics, and government agencies the world over use products from Bio-Synthesis, Inc. These are applied in studies ranging from PCR diagnostics to cancer research to the Human Genome Project. Contact us to discover how Bio-Synthesis provide customized products and services to suit your research requirements.

Endorsed Sponsor:**The Orthobiologic Institute**

The Orthobiologic Institute (TOBI) was established by Dr. Steven Sampson to share best practices in the cutting-edge field of Platelet Rich Plasma (PRP) and regenerative medicine therapies.



As a pioneer in PRP, Dr. Sampson was among the first physicians in the United States to publish literature on PRP and experienced first-hand the need for networking with doctors around the world. The Orthobiologic Institute's live events are known for their global draw and opportunity to connect with other PRP physicians in this rapidly growing field.

The Orthobiologic Institute continues to raise the bar in PRP and regenerative medicine symposiums with intensive hands-on programs and world-class informational products.

Workshops @ Cell Therapy-2014

Annual meeting of Cell Therapy hosted by OMICS Group promises a program full of practical workshops and parallel sessions covering the broad range of biological and technological innovations and applications in the field of Cell and Gene Therapy, providing prosperous opportunities to collaborate, network and gain approach towards most up-to-date research.

On behalf of Organizing Committee we call upon proposals for workshops/training sessions in the field of Cell and Gene Therapy, laboratories, institutions, and industries who want to demonstrate their new products/techniques to the delegates and speakers of 3rd International Conference and Exhibition on Cell & Gene Therapy.

Media Partners



Pre-Conference Workshop

Pre-Conference Workshop on Stem Cell Applications in Regenerative Medicine & Flow Cytometry

Date: May 08-09, 2014

Venue: Metropolitan Hotel Athens, Greece

Vasiliki E. Kalodimou
IASO Maternity Hospital, Greece



Past Report

The previous conferences were **2nd International Conference and Exhibition on Cell & Gene Therapy** was held during **October 23-25 2013, at Orlando-FL, USA** with the theme **“Innovative Strategies in Cell & Gene Therapies”** and **International Conference on Emerging Cell Therapies** was held during the **October 1-3, 2012 at DoubleTree by Hilton Chicago-North Shore, USA** with the theme **“Evolving Technology in Cell Therapy and its Future Perspectives”**.

These Conferences brought together the International blend of people from Evolving Cell & Gene Therapies making it the largest endeavour from OMICS Group. All the papers presented at this conference were published in special issues of Journal of Stem Cell Research & Therapy.

Cell Therapy-2013 opened up new vistas and fostered collaborations in the industry and academia.

OMICS Group has taken the privilege of felicitating Cell Therapy -2013 Organizing Committee, Editorial Board Members, Keynote Speakers and business delegates who supported for the success of this event. OMICS Group, on behalf of the conference, congratulates the Best Poster awardees for their outstanding performance in the field of Cell & Gene and appreciates all the participants who put their efforts in poster presentations and sincerely wishes them success in future endeavours. Our warm gratitude to our sponsors exhibitors & media partners for associating with the conference.





About Las Vegas

Las Vegas is a U.S. state located in the Midwestern United States. It is named after the Las Vegas River which flows through it, which in turn was named after the Kansa Native American tribe, which inhabited the area. The tribe's name is often said to mean "people of the wind" or "people of the south wind," although this was probably not the term's original meaning. Residents of Las Vegas are called "Kansans." For thousands of years what is now Las Vegas was home to numerous and diverse Native American tribes. Tribes in the Eastern part of the state generally lived in villages along the river valleys. Tribes in the Western part of the state were semi-nomadic and hunted large herds of bison. Las Vegas was first settled by European Americans in the 1830s, but the pace of settlement accelerated in the 1850s, in the midst of political wars over the slavery issue.

When officially opened to settlement by the U.S. government, abolitionist Free-State from New England and pro-slavery settlers from neighbouring Missouri rushed to the territory to determine if Las Vegas would become a free state or a slave state. Thus, the area was a hotbed of violence and chaos in its early days as these forces collided, and was known as Bleeding Las Vegas. The abolitionists eventually prevailed and Las Vegas entered the Union as a free state. After the Civil War, the population of Las Vegas grew rapidly, when waves of immigrants turned the prairie into farmland. Today, Las Vegas is one of the most productive agricultural states, producing high yields of wheat, sorghum and sunflowers. Las Vegas is the 15th most extensive and the 33rd most populous of the 50 United States.



Conference Details

Venue

Embassy Suites Las Vegas
4315 Swenson Street, Las Vegas
Nevada 89119, USA

Transportation

Area Airports

Directions to Embassy Suites Las Vegas

- From I-15 Exit Tropicana Ave. Take Tropicana Ave. East to Swenson Ave.
- Take Swenson North 1/4 mile and the hotel will be on the left. From McCarran International Airport take Swenson Ave.
- North 1 mile and the hotel will be on the left. From the Las Vegas Strip take Tropicana East to Swenson Ave.
- Take Swenson Ave. North 1/4 mile and the hotel will be on the left.
- Exit airport North onto Swenson Street exit. Stay on Swenson St. for approximately 1/2 mile.
- After crossing Harmon Rd. hotel entrance will be on the left (West) side of the street.
- Transportation option available at 561-233-0500.

Important Dates

Abstract submission opens: July 08, 2013

Registration opens: July 25, 2013

Early bird registration: June 23, 2014

On spot registration: October 27, 2014