

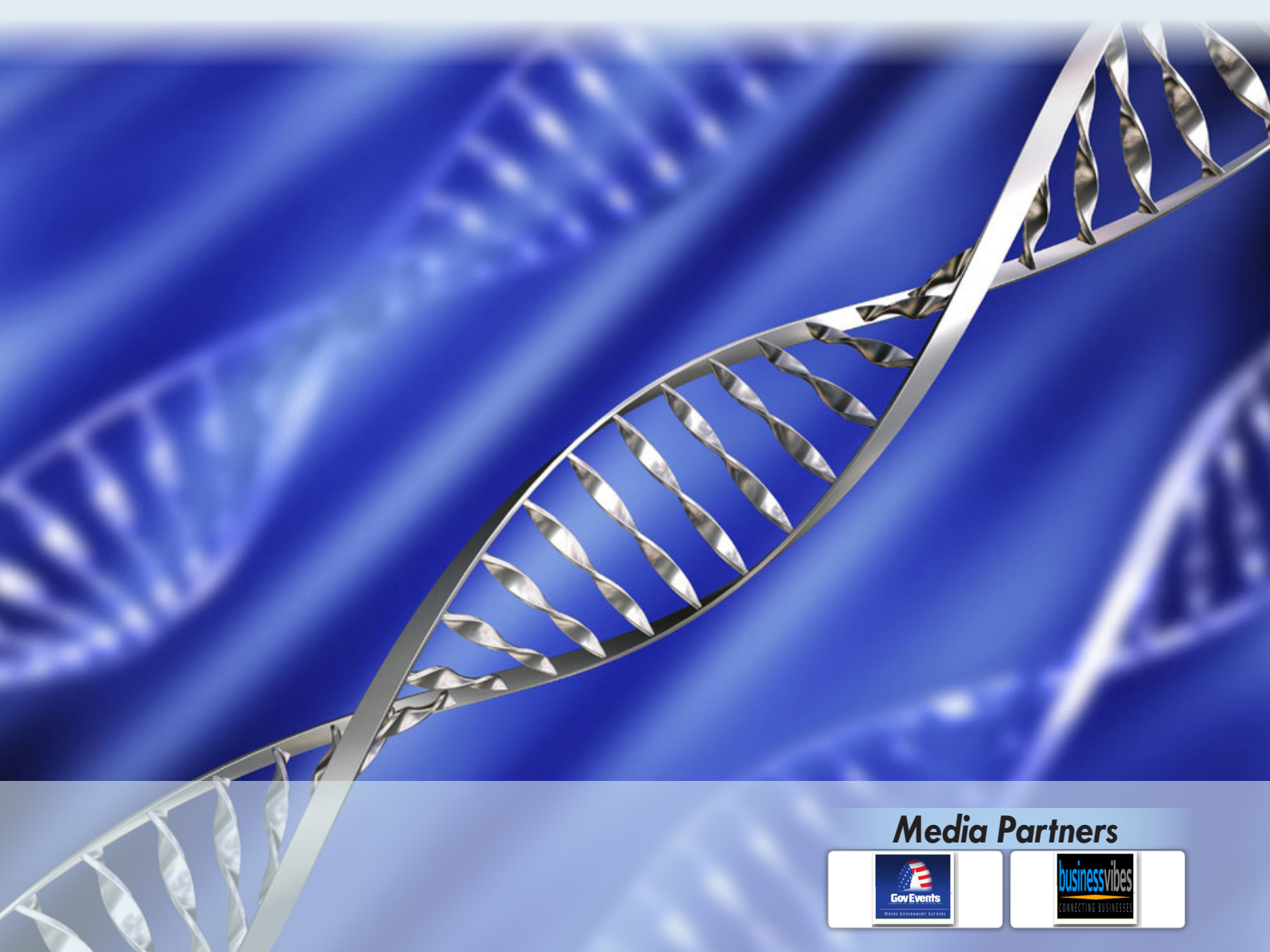
117th OMICS Group Conference

Scientific Program



International Conference on **Genetic Engineering & Genetically Modified Organisms**

August 12-13, 2013 DoubleTree by Hilton, Raleigh, NC, USA



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OMICS Group Conferences

5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: geneticengineering2013@omicsonline.net

09:00-10:00 Registrations

Salon A



10:00-10:20

Opening Ceremony

Keynote Forum

10:20-10:30 Introduction

10:30-10:55 **Jim Sawitzke**

National Cancer Institute, USA

10:55-11:20 **Tapan K. Bera**

National Cancer Institute, USA

Coffee Break 11:20-11:40

11:40-12:05 **Katherine M. Pappas**

University of Athens, Greece

12:05-12:10

Felicitation to OCMs and EB Members

Group Photo

Track 1: Bioethics & IPR

Track 4: Recombinant DNA Technology

Track 9: Plant Genetic Engineering

Track 11: Cloning and Techniques

Chair: Jim Sawitzke, National Cancer Institute, USA

Co-Chair: Katherine M. Pappas, University of Athens, Greece

Session Introduction

12:10-12:35

TBA

Jim Sawitzke, National Cancer Institute, USA

12:35-13:00

TBA

Tapan K Bera, National Cancer Institute, USA

13:00-13:25

Title: **Overproduction of Recombinant Proteins in Plants**

Erin Egelkrout, Applied Biotechnology Institute, USA

Lunch Break 13:25-14:25

14:25-14:50

Title: **Bioethical assessment in the biosafety decision making process on GM crops approval in malaysia: An analysis of the biosafety act 2007**

Siti Hafsyah Idris, Universiti Teknologi MARA (UiTM), Malaysia

14:50-15:15

TBA

Katherine M. Pappas, University of Athens, Greece

15:15-15:40

Title: **Isolation and long term storage of DNA from six latex rich medicinal plants through FTA card method**

Shweta Chouhan, Centre of Excellence in Biotechnology, India

Coffee Break 15:40-16:00

16:00-16:25

Title: **Progress towards generation of transgenic lines of chicken with a green fluorescent protein gene in the female specific (w) chromosome by sperm-mediated gene transfer**

Emmanuel S Quansah, Charles Sturt University, Australia

16:25-16:50

Title: **Plant hormones and interaction of plant growth regulators on tissue culture of Rhododendron indicum (Satsuki azalea)**

Saiedeh Rahimi, Islamic Azad University, Tehran-Iran

16:50-17:15

Title: **Design of hybrid synthetic retroviral gene delivery vectors**

Rahul K. Keswani, Orochem Technologies Inc., USA

17:15-17:40 Title: **CARCINOscreen® special character-R-: Novel short-term prediction system for carcinogenicity of chemicals by hepatic transcriptome analysis in a 28-day repeated dose toxicity study**
Fumiyo Saito, Chemicals Evaluation and Research Institute (CERI), Japan

17:40-17:50

Panel Discussion

17:50-18:50 Cocktails Sponsored by: **Journal of Advancements in Genetic Engineering**

Day 2

August 13, 2013

Salon A

09:30-10:00

Registrations

Track 3: Gene and Cell Therapy using Mammalian Artificial Chromosome (MAC) Vectors

Track 5: Genetically Modified Products

Track 7: Tools in Genetic Engineering

Track 15: Cancer Genetics & Metabolism

Chair: Mitsuo Oshimura, Tottori University, Japan

Session Introduction

10:00-10:25 Title: **The application of optical tweezers and excimer laser surgery to direct gene transfer in plant cells**
Titirat Kantawang, Kasetsart University, Thailand

10:25-10:50 Title: **Exosome as a delivery system-Exosomal signal delivery towards differentiation change**
Seyeon Park, Dongduk Women's University, Korea

10:50-11:15 Title: **Overview of low level presence of unapproved genetically engineered traits and their detection using DNA-based method**
Tigst Demeke, Canadian Grain Commission, Grain Research Laboratory, Canada

Coffee Break 11:15-11:35

11:35-12:00 Title: **New vectors for gene delivery: human and mouse artificial chromosomes**
Mitsuo Oshimura, Tottori University, Japan

12:00-12:25 Title: **Functional complementation of a genetic deficiency with human artificial chromosomes (HACs)**
Natalay Kouprina, National Cancer Institute, NIH, USA

12:25-12:50 Title: **HLA-A24 is an unfavorable clinical prognostic factor in patients with stage III~IV (advanced) nasopharyngeal carcinoma**
Shengping Hu, Shantou University Medical College, Republic of China

Lunch Break 12:50-13:50

13:50-14:15 Title: **Development of Agrobacterium-mediated transformation protocol for African varieties of pigeon pea**
Pauline Asami, International Livestock Research Institute, Kenya

14:15-14:40 Title: **Current status of sugarcane transgenic: An overview**
R.K. Singh, Sugarcane Research Institute, India

14:40-15:05 Title: **DNA mismatch repair complex of malaria parasite Plasmodium falciparum to fight drug resistance**
Renu Tuteja, International Centre for Genetic Engineering and Biotechnology (ICGEB), India

15:05-15:30 Title: **Recombinant biomass crops for biofuels and high value bioproducts**
Mariam Sticklen, Michigan State University, East Lansing, USA

15:30-15:40

Panel Discussion

Coffee Break 15:40-16:00

16:00-17:00 **Poster Presentations**

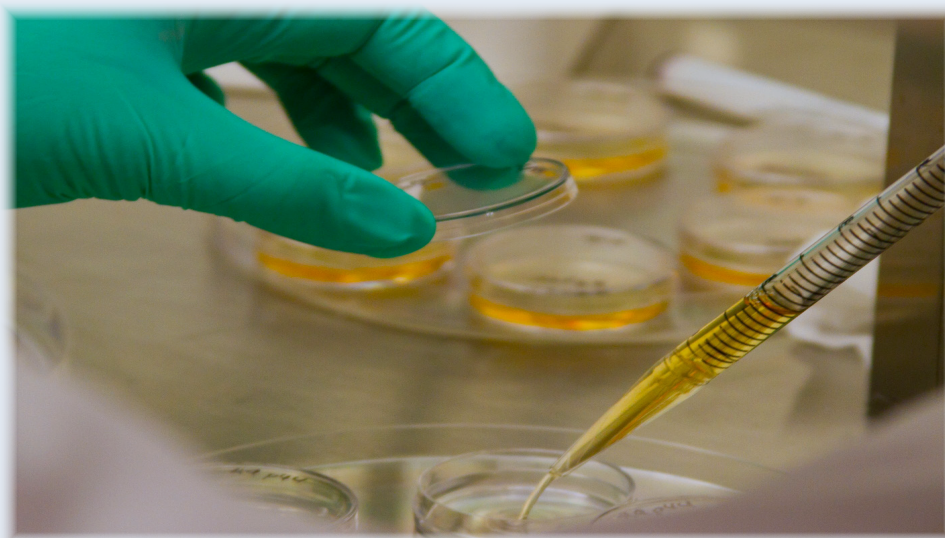
Award Ceremony

Bookmark your dates



2nd International Conference on **Genetic Engineering & Genetically Modified Organisms**

August 11-13, 2014 San Antonio, USA



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
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout,HITEC City
Hyderabad-500081, AP, INDIA
Ph: 040-40131823, 040-47482222
omicsgroup@omicsgroup.org

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