



**12<sup>th</sup> World Congress of the  
International Association for Plant Biotechnology (IAPB)  
and the  
2010 In Vitro Biology Meeting of the Society for In Vitro Biology (SIVB)  
America's Center, 701 Convention Plaza, St. Louis, MO**

**Monday, June 7**

Sessions in red underline below are SIVB IVACS sessions

- 7:30-8:30 a.m.      **Registration** (and throughout Congress)  
**Poster Viewing**  
**Vendor Show**
- 8:30-9:30 a.m.      **Opening Ceremony**  
Rajiv Shah, M.D., USAID, USA  
Indra K. Vasil, University of Florida-Gainesville, USA  
*"Philip R. White - A Tribute"*  
Roger N. Beachy, USDA/NIFA, USA  
*"Opening Remarks"*
- 9:30-10:00 a.m.      **Morning Break**
- 10:00-11:00 a.m.      **Plenary Lecture I**  
Robert Corell, The Heinz Center, USA
- 11:00 a.m.-12:00 p.m. **Plenary Lecture II**  
Mark Howden, CSIRO, Australia  
*"The role of science in adapting to climate change:  
The Australian experience so far"*
- 12:00-1:00 p.m.      **Lunch in Ballroom**  
**Poster Viewing**  
**Vendor Show**

1:00-3:00 p.m.

**Concurrent Symposia**  
(speaker opportunities available for some sessions)

**Abiotic Stress I**

Jian-Kang Zhu, University of California, USA  
*“Improving plant salt and drought stress tolerance:  
Opportunities and challenges”*

**Gene Expression/Stacking I**

James Birchler, University of Missouri-Columbia, USA  
*“Engineered minichromosomes via telomere truncation”*

**Photosynthetic Efficiency**

Julian Hibberd, University of Cambridge, U.K.  
*“Using C4 photosynthesis to increase yield of C3 crops”*  
Robert Blankenship, Washington University at St. Louis, USA  
*“What limits the efficiency of photosynthetic energy storage and  
how might the efficiency of plants be improved?”*

**Renewables from Plants I**

Sarah O'Connor, Massachusetts Institute of Technology, USA  
*“Reprogramming alkaloid biosynthesis in Madagascar  
periwinkle”*

**Signal Transduction, Genomics, Metabolomics I**

Pamela Green, University of Delaware, USA  
*“Genomic analysis of small RNAs, target RNAs, and RNA decay”*

**In Vitro Approaches to Ensure Plant Biodiversity**

Eric Bunn, Kings Park and Botanic Garden, Western Australia  
*“Conservation biotechnology research for saving endangered  
flora in a region of high biodiversity (southwest Western  
Australia)”*  
Valerie Pence, Cincinnati Zoo and Botanical Garden, CREW, USA

3:00-3:30 p.m.

**Afternoon Break**

3:30-5:30 p.m.

**Concurrent Symposia**  
(speaker opportunities available for some sessions)

**Abiotic Stress II**

Jacqueline Heard, Monsanto Company, USA  
*“Applying genomics to agricultural productivity and  
sustainability”*

**Gene Expression/Stacking II**

Daphne Preuss, Chromatin, Inc., USA

3:30-5:30 p.m.

**Concurrent Symposia (continued)**  
(speaker opportunities available for some sessions)

**Ethics, Economics, Social Benefits**

Anthony Shelton, Cornell University, USA

*“Sustainable and environmentally enhanced pest management through plant biotechnology”*

Matin Qaim, Georg-August-University of Göttingen, Germany

*“Economic and social impacts of genetically modified crops in developing countries”*

**Renewables from Plants II**

Scott Deeter, Ventria Bioscience, USA

Elibio Rech, EMBRAPA, Brazil

*“First genetically modified crop developed in Brazil to reach commercialization stage”*

and

*“Expression of recombinant proteins in soybean seeds under control of legumes storage proteins regulatory sequences”*

**Signal Transduction, Genomics, Metabolomics II**

Jorge Dubcovsky, University of California-Davis, USA

Dario Cantu, University of California-Davis, USA

*“What have we learned from the positional cloning of genes conferring partial resistance to wheat rusts?”*

**Cryopreservation for Germplasm Preservation**

Florent Engelmann, IRD, France

**Animal-Plant Interactions**

Gary Felton, Pennsylvania State University, USA

*“Dialogues at the plant-insect interface”*

Ian Thomas Baldwin, Max-Planck Institute, Germany

Gianni Vandenborre, Ghent University, Belgium

5:30-7:00 p.m.

**Poster Viewing (all)**

**Vendor Show**

7:00-9:00 p.m.

**Workshop Openings** (if you are interested in hosting a workshop, please contact [iapb2010@missouri.edu](mailto:iapb2010@missouri.edu) for information)

**--- END OF DAY ---**

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