



**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**

**Thursday, June 10**

Sessions in **red underline** below are SIVB IVACS sessions

- 7:30-8:30 a.m.      **Poster Viewing**  
**Vendor Show**
- 8:30-9:30 a.m.      **Plenary Lecture IX**  
Jeffrey Gordon, Washington University School of Medicine, USA  
*"The human gut microbiome: Dining in with a few trillion  
fascinating friends"*
- 9:30-10:30 a.m.      **Plenary Lecture X**  
Inder Verma, The Salk Institute, USA
- 10:30-11:00 a.m.      **Morning Break**
- 11:00 a.m.-12:00 p.m. **Plenary Lecture XI**  
Richard Flavell, Ceres, Inc., USA  
*"Plant breeding in the service of mankind, millennium after  
millennium"*
- 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)
- Natural Products and Bio-Prospecting I**  
                         Ji-Kai Liu, Kunming Institute of Botany, China
- Biotic Stress III**  
                         Claude Fauquet, Donald Danforth Plant Science Center, USA  
                         *"Controlling deadly cassava viruses by genetic engineering"*

1:00-3:00 p.m.

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

**Rhizosphere Biology I**

Giles Oldroyd, John Innes Centre, U.K.

*“Improving plant nutrition through symbiotic interactions”*

**Molecular Breeding**

Jiayang Li, Chinese Academy of Sciences, China

Neal Gutterson, Mendel Biotechnology, Inc., USA

*“Applying lessons from the first generation of plant biotechnology to improve molecular breeding of emerging crops”*

**New Biofuels Feedstock III**

Richard Dixon, The Samuel Roberts Noble Foundation, USA

*“Metabolic engineering for improved biomass processing”*

**Biosafety and Acceptance I**

Eric Sachs, Monsanto Company, USA

**Preservation and Storage Technologies**

John Critser, University of Missouri-Columbia, USA

Barbara M. Reed, USDA/ARS, USA

*“Techniques for short- and long-term preservation of plant tissues and organs”*

Kelvin G.M. Brockbank, Cell and Tissue Systems, Inc., USA

*“What is feasible for mammalian cell, tissue and organ storage? or Lessons from nature for preservation of cells, tissues and organs”*

John Duman, University of Notre Dame, USA

*“Antifreeze proteins and glycolipids: Basic biology and applications in cryopreservation and agriculture”*

3:00-3:30 p.m.

**Afternoon Break**

3:30-5:30 p.m.

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

**Natural Products and Bio-Prospecting II**

Gary Eldridge, Sequoia Sciences, USA

*“Plant-bacteria mutualism inspires novel medicines for recalcitrant bacterial infections”*

**Biotic Stress IV**

Ralph Scorza, USDA/ARS, USA

*“Virus resistant plums through genetic engineering: From the lab to market”*

3:30-5:30 p.m.

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

**Rhizosphere Biology II**

James Tiedje, Michigan State University, USA

*“To what extent do soil microbial communities respond to plants?”*

**New Biofuels Feedstock IV**

Manuel Sainz, Syngenta/QUT, Australia

*“Crop-expressed enzymes for ethanol production”*

**Biosafety and Acceptance II**

Larry Beach, U.S. Agency for International Development, USA

*“Developing country biotech crop improvement: Limitations from event-based deregulation”*

**A Comparative Approach to Innate Immunity**

David Stanley, USDA/ARS/BCIRL, USA

*“Eicosanoid signaling in insect immunity”*

Stephanie J. DeWitte-Orr, McMaster University, Canada

*“Class A scavenger receptors as innate antiviral sensors”*

Brian Dixon, University of Waterloo, Canada

*“Chemokine CK2 is produced by and attracts the macrophage-like cell line RTS11”*

**Biosafety and Acceptance III**

Robert Paarlberg, Wellesley College, USA

*“Agricultural biotechnology: The problem of over-regulation”*

5:30-6:00 p.m.

**IAPB Association Meeting in Ballroom**

6:00-9:00 p.m.

**Gala Dinner in Ballroom**

--- END OF DAY ---

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