



**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

- 8:00-8:30 a.m. **Poster Viewing and Vendor Show**
- 8:30-9:30 a.m. **Plenary Lecture X**  
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 XI**  
Eric Sachs, Monsanto Company, USA  
*"Biosafety and acceptance: The case for coexistence of conventional, biotechnology-derived, and organic crops"*
- 10:30-11:00 a.m. **Morning Break**
- 11:00 a.m.-12:00 p.m. **Plenary Lecture XII**  
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**
- Natural Products and Bio-Prospecting**  
Ji-Kai Liu, Kunming Institute of Botany, China  
*"Bioactive secondary metabolites from higher fungi in China"*  
Gary Eldridge, Sequoia Sciences, USA  
*"Plant-bacteria mutualism inspires novel medicines for recalcitrant bacterial infections"*

1:00-3:00 p.m.

## **Concurrent Symposia (continued)**

### **Biotic Stress III (sponsored by Monsanto)**

Claude Fauquet, Donald Danforth Plant Science Center, USA  
*“Controlling deadly cassava viruses by genetic engineering”*

### **Rhizosphere Biology**

Giles Oldroyd, John Innes Centre, U.K.  
*“Improving plant nutrition through symbiotic interactions”*  
James Tiedje, Michigan State University, USA  
*“To what extent do soil microbial communities respond to plants?”*

### **Molecular Breeding**

Jiayang Li, Chinese Academy of Sciences, China  
*“Toward molecular design of ideal plant architecture of rice”*  
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 II**

Richard Dixon, The Samuel Roberts Noble Foundation, USA  
*“Metabolic engineering for improved biomass processing”*

### **Biosafety and Acceptance**

Larry Beach, U.S. Agency for International Development, USA  
*“Developing country biotech crop improvement: Limitations from event-based deregulation”*

### **Preservation and Storage Technologies**

John Critser, University of Missouri-Columbia, USA  
*“Fundamental cryobiology of cells and tissues”*  
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**

### **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)**

**New Biofuels Feedstock III**

Manuel Sainz, Syngenta/QUT, Australia

*“Crop-expressed enzymes for ethanol production”*

**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”*

6:00-9:00 p.m.

**Gala Dinner in Ballroom**

7:30-8:00 p.m.

**IAPB Association Meeting in Ballroom**

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

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