

# **Metabolic Engineering**

**Presented by**

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**Chair**

**Interagency Metabolic Engineering Working  
Group (MEWG)**

# **Metabolic Engineering**

## **Inter-Agency Working Group**

**Department of Agriculture**

**Jeff Conrad, Liang-Shiou Lin, Gail McLean**

**Department of Commerce**

**Vince Vilker**

**Department of Defense**

**Harold Bright, Eric Eisenstadt**

**Department of Energy**

**David Boron, Valerie Sarisky-Reed, Greg Dilworth, Dan Drell**

**Environmental Protection Agency**

**Michael Broder, Mark Segal, Barbara Karn**

**National Aeronautics and Space Administration**

**Steve Davison**

**National Institutes of Health**

**Warren Jones, Jim Anderson**

**National Science Foundation**

**Fred Heineken (Chair), Phil Harriman, Hector Flores**

# **Metabolic Engineering**

## **Inter-Agency Announcement of Opportunities in Metabolic Engineering**

**(NSF 98-49) (NSF 99-85)**

### **Topic Areas of Inter-Agency Interest**

- **Instrumentation, Tools, and Methods to facilitate the Study of Metabolic Pathways in Cells**
- **Quantitative and Conceptual Models**

# **Metabolic Engineering**

## **Inter-Agency Announcement of Opportunities in Metabolic Engineering**

**(NSF 98-49)**

### **Response to Announcement**

- **35 Pre-Proposals**
- **19 Full-Proposals**
- **5 Awards totalling \$3.6M**

# **Metabolic Engineering**

## **Additional Awards linked to (NSF 98-49)**

- **NSF/EPA Partnership Program - Technology for a Sustainable Environment (TSE)**  
**Mary Lidstrom**
- **NIH Program Announcement (95-087) on Metabolic Engineering**  
**Bernhard Palsson**
- **NSF Knowledge and Distributed Intelligence (KDI) Program**  
**Bernhard Palsson**

# **Metabolic Engineering**

## **Inter-Agency Announcement of Opportunities in Metabolic Engineering**

**(NSF 99-85)**

### **Response to Announcement**

- **59 Pre-Proposals**
- **29 Full-Proposals**
- **6 Awards totalling \$3.1M**

# **Metabolic Engineering**

## **Workshop Objectives**

- **Have Project Reviews for the First Round of Awards**
- **Get a Better Handle on the Third Topic Area in the Announcement of Opportunities in Metabolic Engineering**