



# Metabolic Engineering

## Seventh Interagency Conference on Metabolic Engineering

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Chair

Interagency Metabolic Engineering Working Group

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# Metabolic Engineering

## Participating Agencies/Departments

- Department of Agriculture
- Department of Commerce
- Department of Defense
- Department of Energy
- Environmental Protection Agency
- National Aeronautics and Space Administration
- National Institutes of Health
- National Science Foundation



# Metabolic Engineering

## Metabolic Engineering Working Group

### Goals

- Promote the Advancement of Metabolic Engineering
- Coordinate Federal Metabolic Engineering Research
- Identify and Address Gaps in Metabolic Engineering Research



# Metabolic Engineering

## Accomplishments (12 Years)

- Held Three Interagency Workshops on Metabolic Engineering
- Held Seven Interagency Conferences on Metabolic Engineering
- Issued Seven Interagency Announcements of Opportunities in Metabolic Engineering
- Generated an Interagency Web Site  
([www.metabolicengineering.gov](http://www.metabolicengineering.gov))
- Research Results have been Published in High Impact Journals



# Metabolic Engineering

## 7 Interagency Announcements of Opportunities in Metabolic Engineering

### Topic Areas of Interagency Interest

- Instrumentation, Tools, and Methods to facilitate the Study of Metabolic Pathways in Cells
- Quantitative and Conceptual Models
- Bioinformatics
- Engineering of Metabolic Pathways for a Desired Output



# Metabolic Engineering

Responses to Announcements (7 Years)

Proposals	236
Awards	54
Award Total	\$34M



# Metabolic Engineering

## Future Plans

- Issue New Interagency Announcements of Opportunities in Metabolic Engineering
- Sponsor Annual Interagency Conferences on Metabolic Engineering
- Maintain an Up-To-Date Interagency Web Site for Metabolic Engineering



# Metabolic Engineering

Conference Theme

Metabolic Engineering

Pathway Interactions and Regulatory Processes