

Iowa State University

2006 IPPM Minisymposium

New Facets in cross-kingdom interdependence:
Molecular Plant-Microbe Interactions.



Loomis Lecture

7:00 PM
Monday, March 27, 2006
Pioneer Room
ISU Memorial Union, Ames

Dr. Stanton Gelvin

Purdue University, W. Lafayette, Indiana

The molecular mechanism of plant genetic transformation
by Agrobacterium tumefaciens, nature's genetic engineer

The 24th Walter e. Loomis Lecture is presented by the ISU Interdepartmental Plant Physiology Major (IPPM) as part of the 2006 IPPM Mini-Symposium

Generous support for the IPPM Mini-Symposium was provided by the Walter E. and Helen Parke Loomis Fund, the Miller Fellowship and by the Office of Biotechnology at Iowa State University, the Plant Science Institute, the Center for Plant Responses to Environmental Stresses, the Center for Designer Crops, the Center for Plant Transformation, the Interdepartmental Microbiology Program, and the Departments of Biochemistry, Biophysics, and Molecular Biology (BBMB), Evolutionary, Environmental and Organismal Biology (EEOB), Horticulture, and Plant Pathology.

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2006 IPPM MINI-SYMPOSIUM AND LOOMIS LECTURE

New Facets in cross-kingdom interdependence:
Molecular Plant-Microbe Interactions.

Pioneer Room, ISU Memorial Union, Ames, Iowa

Tuesday March 28, 2005

1-2 PM **DR. PETER GRESSHOFF**

ARC Centre for Integrative Legume Research, Brisbane, Australia
Functional genomics of cell proliferation during legume nodulation

2-3 PM **DR. STANTON GELVIN**

Department of Biological Sciences, Purdue University
Trafficking of Agrobacterium T-DNA through the plant cell

3-4 PM **DR. GARY STACEY**

Department of Biochemistry, University of Missouri
Plant microbe interactions reveal new insights into plant signaling

4-5 PM **DR. VALERIE WILLIAMSON**

Department of Nematology, University of California, Davis
Molecular genetics of Root-knot nematode pathogenicity

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