Iowa State University

2005 IPPM Mini-Symposium

Plant Natural Products Biosynthesis

Loomis Lecture

7:00 PM
Wednesday, March 23, 2005
North Prairie Room
Gateway Center, Ames

Dr. Richard Dixon
Samuel Roberts Noble Foundation, Ardmore OK

Metabolic engineering of plant natural products for plant, animal, and human health

The 23rd Walter e. Loomis Lecture is presented by the ISU Interdepartmental Plant Physiology Major (IPPM) as part of the 2005 IPPM Mini-Symposium

Generous support for the IPPM Mini-Symposium was provided by the Walter E. and Helen Parke Loomis Fund, Pioneer Hi-Bred Intl. Inc, the ISU Graduate College Miller Lecture Fund, the ISU Plant Sciences Institute, the Center for Plant Responses to Environmental Stress, the Center for Designer Crops and the following ISU Departments: Agronomy, BBMB, EEOB, and Plant Pathology

Further Information: Reuben Peters (rjpeters@iastate.edu)
2005 IPPM MINI-SYMPOSIUM AND LOOMIS LECTURE

Plant Natural Products Biosynthesis

North Prairie Room  Gateway Center  Ames, Iowa

Thursday March 24, 2005

1-2 PM  **Dr. Richard Dixon**  
Samuel Roberts Noble Foundation, Ardmore, OK  
*Metabolic channeling in natural product biosynthesis- fact or fiction?*

2-3 PM  **Dr. Rodney Croteau**  
Washington State University, Pullman, WA  
*Taxol Biosynthesis and Molecular Genetics*

3-4 PM  **Dr. Toni Kutchan**  
Leibniz Institute of Plant Biochemistry, Germany  
*Molecular genetics of isoquinoline alkaloid biosynthesis in the opium poppy Papaver somniferum*

4-5 PM  **Dr. Brenda Winkel**  
Virginia Tech University, Blacksburg VA  
*Subcellular organization of flavonoid metabolism: new insights based on structural biology*

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