

# Biotechnology / Life Sciences Seminar Series

- 9/10/2008 ***“Commercial Production of Highly Unsaturated Fatty Acids by Microalgae: Lessons for Biofuels Production”***  
Dr. Bill Barclay, Martek Biosciences Corporation  
Hosted by: Dr. Ken Nickerson, School of Biological Sciences
- 9/17/2008 ***“Arabidopsis Variegation Mutants and the Regulation of Chloroplast Biogenesis”***  
Dr. Steve Rodermel, Iowa State University  
Hosted by: Dr. Sally Mackenzie, Center for Plant Science Innovation
- 9/24/2008 ***“Using phage lytic enzymes to control pathogenic gram-positive bacteria”***  
Dr. Vincent Fischetti, Rockefeller University  
Hosted by: Dr. Jim Van Etten, Department of Plant Pathology
- 10/1/2008 ***“Regulation of oil biosynthesis in algae”***  
Dr. Chris Benning, Michigan State University  
Hosted by: Dr. Don Weeks, Department of Biochemistry
- 10/8/2008 ***“Gene discovery and enzyme engineering for hemicellulosic biomass degradation”***  
Dr. Dominic Wong, USDA-ARS  
Hosted by: Dr. Gautam Sarath, Department of Biochemistry
- 10/15/2008 ***“Detecting adaptive evolution in protein-coding DNA sequences”***  
Dr. Ziheng Yang, University College London  
Hosted by: Dr. Etsuko Moriyama
- 10/22/2008 ***No Seminar: Fall Break***
- 10/29/2008 ***“Algal-Derived Oil Feedstock R&D at NREL: Beyond the Aquatic Species Program”***  
Dr. Al Darzins, National Renewable Energy Lab and Colorado Ctr for Biorefining and Biofuels (C2B2)  
Hosted by: Dr. Don Weeks, Department of Biochemistry
- 11/5/2008 ***“Structure, Dynamics, and Function of Hemoglobin as Revealed by High-Field NMR”***  
Dr. Chien Ho, Carnegie Mellon University  
Hosted by: Dr. Jay Storz, School of Biological Sciences
- 11/12/2008 ***“Microbial influences in intestinal inflammation”***  
Dr. Balfour Sartor, University of North Carolina  
Hosted by: Dr. Jens Walter, Department of Food Science & Technology
- 11/19/2008 ***“Probiotic microbes, the gut and beyond”***  
Dr. Gregor Reid, University of Western Ontario  
Hosted by: Dr. Bob Hutkins, Department of Food Science & Technology
- 11/26/2008 ***No Seminar: Thanksgiving week***
- 12/3/2008 ***“UTRs: the ends are the means”***  
Dr. Joel Graber, The Jackson Laboratory  
Hosted by: Dr. Audrey Atkin, School of Biological Sciences
- 12/10/2008 ***“Viral Suppression of RNA Silencing: Toward Mechanism”***  
Dr. Vicki Vance, University of South Carolina  
Hosted by: Dr. Zoya Avramova, School of Biological Sciences

## CENTER FOR BIOTECHNOLOGY

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## Fall 2008

### WEDNESDAYS

Reception - 3:30 p.m.

Seminar - 4:00 p.m.

E103 Beadle Center

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