

# The Protein Facility of the ISU Office of Biotechnology and The Ames Area Proteomics Discussion Group

are hosting an informative seminar on...

## The Analysis of the Proteome: New Technologies to Innovate, Simplify and Automate

Presented by Thomas Ed Horton, Ph.D.

Proteomics Consultant, Beckman Coulter, Inc.

*Abstract:*

*Ever since the term "Proteome" was introduced, scientists have embraced the field as a lucrative source for identifying diagnostic markers or targets for therapeutic development. By studying all the proteins in a particular biological pathway in concert with each other, comprehensive data is gained about that pathway, particularly when qualitative and quantitative comparisons of proteins expressed under different conditions are assessed. With the surge in proteomic research comes the need for innovative and automated approaches in protein discovery. This presentation aims to provide an overview of new technologies and strategies which can streamline differential protein profiling, analysis and fractionation.*

**Date:** Wednesday, January 19, 2005

**Time:** 11:00 a.m. – 12:00 p.m.

**Location:** Iowa State University  
Molecular Biology Bldg Rm 1102  
Refreshments will be served!

For information on other seminars, please contact Joel Nott at 294-3267,  
protein@iastate.edu or Louisa Tabatabai at lbt@iastate.edu

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