



Proteomics and Metabolomics Facility

Local Discovery Global Impact

Issue 01, July 2008

PMF Open House

THANK YOU to everyone who came to our open house on July 11th. It was a great success, and we enjoyed meeting and talking to you all! If you were not able to make it, please feel free to come by anytime and see us.

Welcome to our new PMF staff members!

Jason Rivest joined the lab in March and is our new DNA sequencing and N-terminal protein sequencing guru.

Corey Broeckling joined the lab in May as the new Facility Manager. He is here to help with everything!

Mam Scherman also joined the lab in May and is our new MALDI-TOF and 2D gel specialist.

www.PMF.colostate.edu



What's New and Exciting at the PMF

2D-gel Spot-picking and Digestion Robots

We are pleased to announce the addition of the **Genomics Solutions ProPic II 2D gel spot-picking robot** and the **ProPrep protein digestion robot** to complete our high-throughput 2D gel based proteomics workflow. This workflow will be especially powerful in combination with Difference Gel Electrophoresis (DIGE), a 2D gel labeling technique for gel-based protein expression analysis.



The digester was funded by an award from the Infectious Disease Supercluster (to Drs. Prenni, C. Wilusz and Slayden) and funds for the Propic were generously provided by the department of Microbiology, Immunology, and Pathology.

The ProPic II is available for hands-on investigator use for a nominal fee/gel. Please contact Corey Broeckling at Corey.Broeckling@Colostate.Edu or 491-2273 if you are interested in training.



2D Gel Electrophoresis Workstation

We now have a workstation available for you to run your 2D gels in the PMF. Training is also available for new users. Please contact Mam Scherman at Hataichanok.Scherman@ColoState.EDU or 491-6104 for more information.

GC-MS for Metabolomics



The Agilent 7890A GC-MS was recently acquired by Dr. Ben Miller in the Department of Health and Exercise Science. The instrument is being housed in the PMF where we can provide expertise and service to maximize the use of this resource to the CSU community. Please contact Corey Broeckling for more details.