

BECKMAN INSTITUTE VISIBILITY SEMINAR SERIES

“Proteomics at the Proteome Exploration Laboratory (PEL)”

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A tour of the Center follows the seminar.

The Proteome Exploration Laboratory (PEL), a Beckman Institute Resource Center, is a state-of-the-art mass spectrometry-based proteomics laboratory.



Abstract

The Proteome Exploration Laboratory (PEL) is a state-of-the-art mass spectrometry based proteomics laboratory at Caltech’s Beckman Institute. In the past, the PEL has put in their efforts to optimize the entire proteomics pipeline, allowing the identification of thousands of proteins at microgram level. The PEL has recently purchased an Orbitrap Elite, which offers additional fragmentation techniques (electron transfer dissociation ETD and high energy collision dissociation HCD), enabling the precise localization of post-translational modifications. In addition, the PEL will soon acquire a QTRAP instrument, which will enable targeted proteomics.

Friday, March 22, 2013 at 2:00 p.m.
Beckman Institute Auditorium
Refreshments at 1:45 p.m.

RSVP for tour: Rick Jackson Ext. 2791
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