

Shimadzu Lunchtime Seminar

Monday, March 8, 12:15 – 1:30 pm

Colorado G-H (Lower Level 2), Marriott City Center Hotel

RSVP by sending email to maquaranta@shimadzu.com,

Biomarker Discovery using Smart Nanoparticle Technology

Presenters:

Faith Hays (Shimadzu), Ben Lepene (Ceres Nanosciences), and Brian Feild (Shimadzu)

Nanotraps™ (Ceres Nanoscience) deliver affinity selection and size exclusion in a single step, providing simplified biomarker fractionation and enrichment directly from complex samples. These particles purify, concentrate, size-exclude and preserve the low-abundance proteome. This seminar will introduce you to the following technologies:

1. Nanotrap™ technology by Ceres Nanoscience. Learn how to:
 - a. Exclude abundant proteins and simultaneously enrich low-level biomarkers.
 - b. Concentrate biomarker candidates by 100 fold or more.
 - c. Preserve labile biomarkers by preventing degradation.
2. Powerful new biomarker software (Progenesis MALDI) from Nonlinear Dynamics.
3. An integrated Nanotrap™ Discovery Platform to accelerate biomarker discovery, identification and validation.