



LEAP Technologies

at the

64th ASMS Conference on Mass Spectrometry

San Antonio, TX
June 5 – 9, 2016



Highlighted Posters & Poster Sessions – Held in the Exhibit Hall

MON JUN 6

12:00 PM – 2:30 PM

Poster 350

Reducing isobaric species by Differential Mobility Spectrometry (DMS) for infusion-based lipidomics

[Goncalo Vale](#), Jeff McDonald, Paul Baker

WED JUN 8

10:30 AM – 1:00 PM

Poster 317

Improvements to HDX Workbench software for analysis and interpretation of HDX MS data

[Bruce Pascal](#), Venkatasubramanian Dharmarajan, Scott Novick, Jie Zheng, Vinh Lam

WED JUN 8

12:00 PM – 2:30 PM

Poster 324

HX-MS reveals a loss of helical structure in an intrinsically disordered protein under highly crowded conditions

[Farai Rusinga](#)

WED JUN 8

12:00 PM – 2:30 PM

Poster 534

A simple, flexible, and automated infusion system for lipidomic analysis using mass spectrometry

[Jeff McDonald](#), Steve Stiller

THU JUN 9

10:30 AM – 1:00 PM

Poster 067

Challenges in Development of LC-MS Methods for Highly Polar, Low Molecular Weight Compounds: A Quantitative Assay for Quinolinic Acid

[Regina Oliveira](#), Asoka Ranasinghe, Joelle Onorato, Celia D'Arienzo, Petia Shipkova

THU JUN 9

10:30 AM – 1:00 PM

Poster 179

HDX-MS to map the allosteric site for efavirenz, a drug that stimulates cholesterol-metabolizing P450 CYP46A1 activity

[Kyle Anderson](#), Natalia Mast, Jeffrey Hudgens, Joseph Lin, Illarion Turko, Irina Pikuleva

Highlighted Orals & Oral Sessions – Held in Hemisfair Ballroom 1, level 3

THU JUN 9

2:30 PM – 2:50 PM

ThOH PM, Hemisfair 1

HX-MS Epitome Mapping of a Ricin Toxin Chain A Double Mutant (RTA*)

[Ronald Toth](#), University of Kansas

THU JUN 9

3:30 PM – 3:50 PM

ThOH PM, Hemisfair 1

A new automation platform provides significant improvements in both the capacity and flexibility of the HDx-MS experiment

[Michael Chalmers](#), Eli Lilly

Highlighted Workshops – Held in Room 225A, level 2

TUES JUN 7

5:45 PM – 7:00 PM

Room 225, level 2

03 - H/D Exchange, Covalent Labeling & Cross-Linking

Joshua Sharp & David Weis presiding

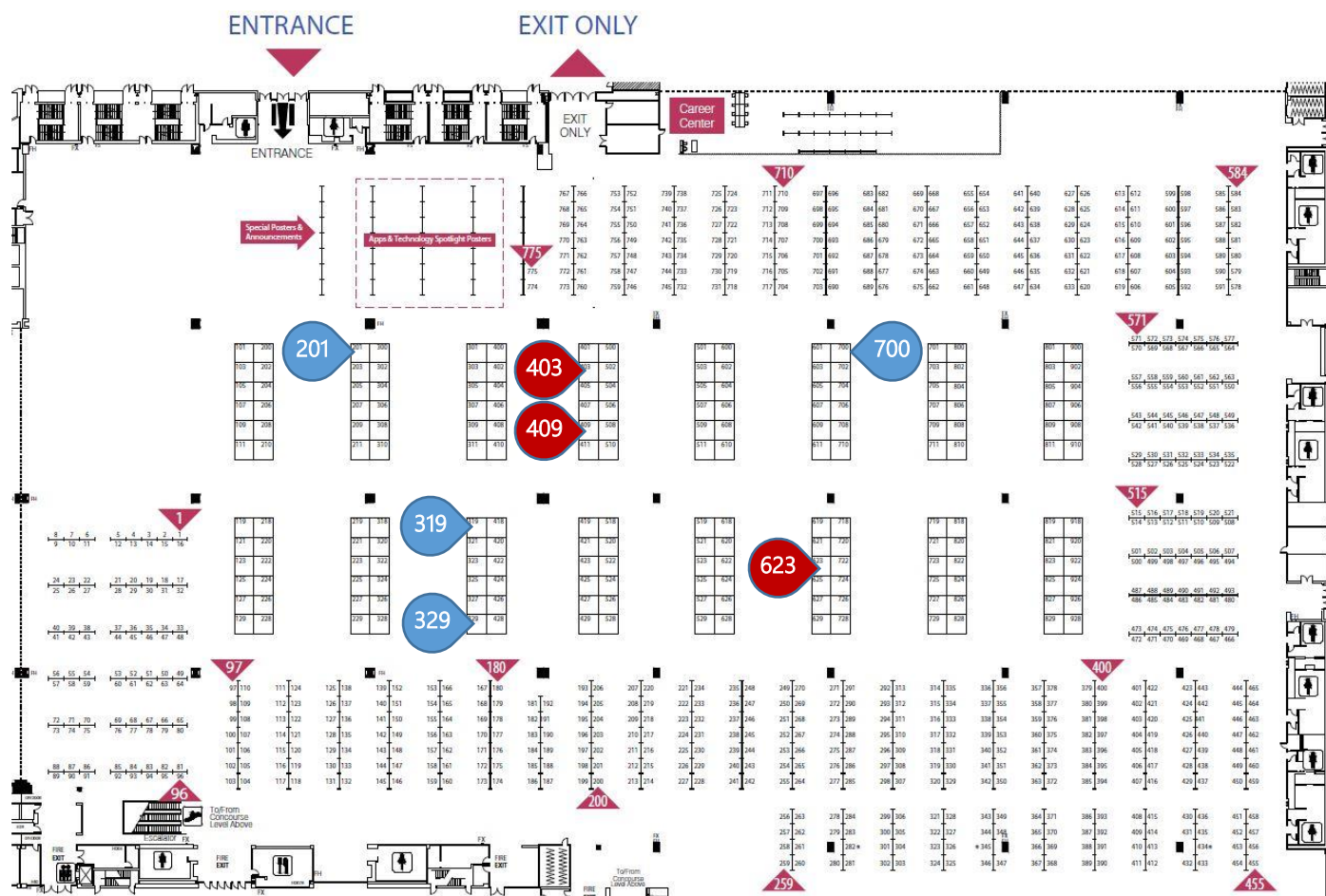
A forum for discussing hydrogen exchange, covalent labeling, and cross-linking approaches for protein analysis

Booths to Visit

– Exhibit Hall

LEAP & Family
623 – LEAP Technologies
403 – Trajan Scientific & Medical
409 – CTC Analytics

HDx Collaborators
700 – Antec
329 – Bruker Daltronics
319 – Thermo Fisher Scientific
201 – Waters Corporation



HDx Poster Sessions

– Exhibit Hall

Wednesday: H/D Exchange: Hardware, Software & Methodology

H/D Exchange: Protein Structure/Function (Part 1)

Thursday: H/D Exchange: Protein Structure/Function (Part 2)

Posters 314 – 327

Posters 328 – 336

Posters 172 – 195



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