

IDeA National Resource for Proteomics Workshop for Faculty

Tuesday, May 23

Travel

Residence Inn by Marriott- Downtown Little Rock
219 River Market Avenue
Little Rock, AR, 72201

*Please take a taxi or Uber from airport to hotel. Dinner will be on your own.

Wednesday, May 24

*The hotel offers complimentary full breakfast. Breakfast will be on your own.

8:15am – 8:30am

Board shuttle at hotel
**Shuttle departs at 8:30am*

8:45am

Arrive at UAMS- Dr. Tackett will meet you at drop-off point

9:00am – 9:15am

Welcome and Description of the IDeA National Resource for Proteomics & Roundtable
Introductions
Alan Tackett, PhD

FUNDAMENTALS SESSION

9:15am – 9:45am

Basic Proteomic Workflow
Renny Lan, PhD

9:45am – 10:15am

Basics of a Mass Spectrometer
Rick Edmondson, PhD

10:15am – 10:30am

Break

10:30am – 11:00am

Protein and PTM Identification
Sam Mackintosh, PhD

11:00am – 11:15am

Tours of Core Facility

11:15am – 11:45am

Lunch

EXPERIMENTAL DESIGN SESSION

11:45am – 12:15pm

Global Proteomics
Sam Mackintosh, PhD

12:15pm – 12:45pm

Protein-protein interactions
Alan Tackett, PhD

12:45pm – 1:00pm

Break

1:00pm – 1:30pm	Protein-Crosslinking <i>Boris Zybailov, PhD</i>
1:30pm – 2:00pm	Phosphoproteomics <i>Rick Edmondson, PhD</i>
2:00pm – 2:30pm	Biomarker Discovery <i>Rick Edmondson, PhD</i>
2:45pm	Board shuttle at UAMS
3:00pm – 5:30pm	Free time *Suggested activities: Clinton Library (0.5 miles) Museum of Discovery (0.2 miles) Witt J. Stephens Central Arkansas Nature Center (0.2 miles) Arkansas River Trail, Riverfront Park, & Junction Bridge (0.3 miles)
5:30pm – 7:00pm	Group Dinner (meet at restaurant) <i>Flying Saucer</i> 323 President Clinton Avenue, Little Rock, AR, 72201

Thursday, May 25

*The hotel offers complimentary full breakfast. Breakfast will be on your own.

8:15am – 8:30am	Board shuttle at hotel *Shuttle departs at 8:30am
8:45am	Arrive at UAMS- Dr. Tackett will meet you at drop-off point

QUANTITATIVE MASS SPECTROMETRY SESSION

9:00am – 9:30am	Label-free Spectral Counting <i>Boris Zybailov, PhD</i>
9:30am – 10:00am	Label-free Peptide Intensity <i>Stephanie Byrum, PhD</i>
10:00am – 10:15am	Break
10:15am – 10:45am	SILAC and Tandem Mass Tags <i>Renny Lan, PhD</i>
10:45am – 11:15am	Targeted Mass Spectrometric Workflows <i>Mike Kinter, PhD</i>
11:30am – 12:00pm	Lunch

DATA ANALYSIS SESSION

12:00pm – 12:30pm	Basics of Using Scaffold and Visualizing Data <i>Stephanie Byrum, PhD</i>
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12:30pm – 1:00pm	Bioinformatics for Proteomics <i>Stephanie Byrum, PhD</i>
1:00pm – 1:30pm	Overview of R for MS Applications <i>Aaron Storey, Graduate Student</i>
1:30pm – 1:45pm	Break
1:45pm – 2:15pm	Pathway Analysis <i>Galina Glazko, PhD</i>
2:15pm – 2:45pm	Free Software for Pathway Analysis <i>Yasir Rahmatallah, PhD</i>
2:45pm – 4:45pm	Small Group Discussions <i>Various</i>
5:00pm	Board shuttle at UAMS
5:30pm – 7:00pm	Group Dinner (meet at restaurant) <i>Damgoode Pies</i> <i>500 President Clinton Ave</i> <i>Little Rock, AR, 72201</i>

Friday, May 26

*The hotel offers complimentary full breakfast. Breakfast will be on your own.

8:00am – 8:15am	Board shuttle at hotel (<i>please check out prior to departure</i>) <i>*Shuttle departs at 8:15am traveling directly to LR Airport</i>
Travel	You may stay later at the hotel if you prefer. However, you will be responsible for getting to the airport.

Contact Information

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