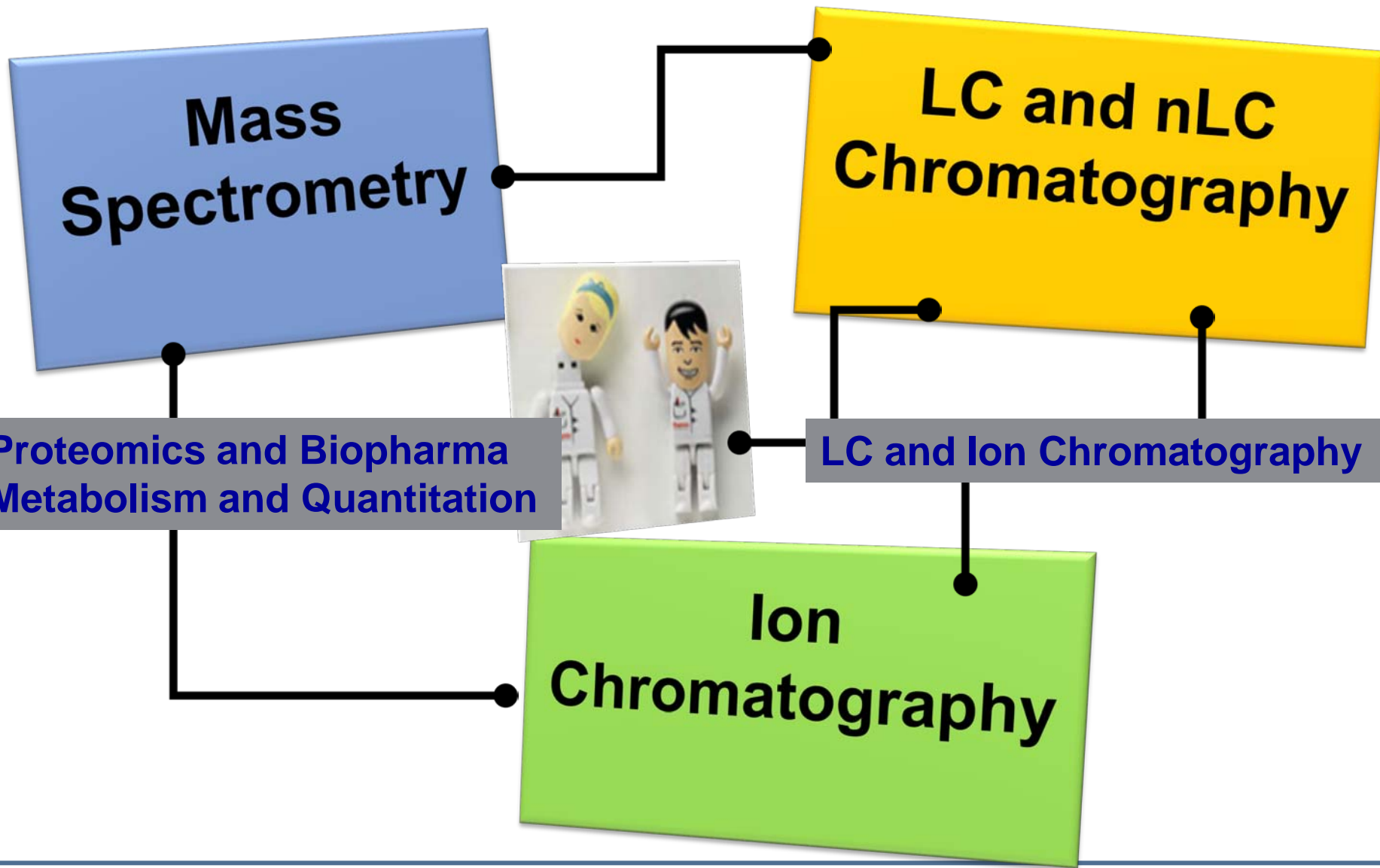


Thermo Fisher Scientific Chromatography and Mass Spectrometry Users Meeting

Rich Klein
NE Sales Manager
October 2011



Thank You for Attending



Meeting Objectives

more capabilities.
new possibilities.

- ❑ **More Capabilities for You**
 - More Technology
 - More Solutions
- ❑ **New possibilities**
 - New Orbitrap MS Systems
 - New UHP LC and nLC
 - New T\$Q Triple \$avings Quad
- ❑ **Exciting New Connections**
 - Ultimate 3000 RSLC & RSLC nano
 - Accela 1250
 - Easy nLC 1000
 - Chromeleon Chromatography DS
 - TMO is Your Connection Provider



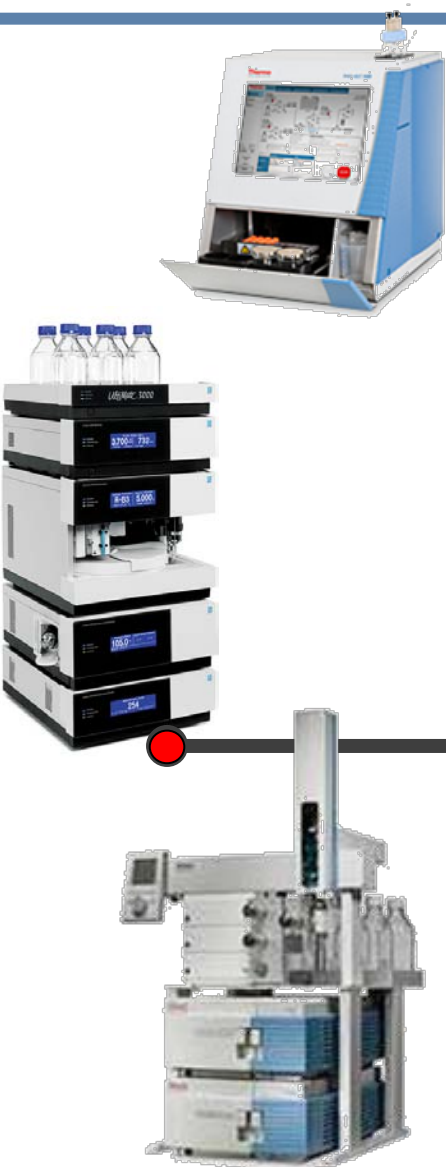
Jennifer "Tough Mudder"
Checking our Connect Rate

Connections You Will Make Today ...

| | |
|--------------------------|--|
| Rich Klein | NE LSMS Sales Manager |
| Nick Molinaro | NE Bioanalytical Quantitation Specialist |
| Jerry Pappas | Sales Rep NJ, W CT |
| Deb Shanks | Sales Rep NJ, NY |
| Gary Paul | Sales Rep Cambridge, Boston |
| Yuriy Dunayevskiy | Sales Rep W. CT, W MA, ME, NH, VT, RI, E CT |

| | | |
|------------------------------|---------------------------|-------------------------|
| Iain Mylchreest | Amol Prakash | Mike Pettigrew |
| Thomas Moehring | Kevin McHale | Tony Ziberna |
| Mike Pettigrew | Paul Haney | |
| Jennifer Christianson | Keeley Murphy | |
| Mark Sanders | Michael Athanas | |
| Julian Saba | Rainer Bauder | Billy Wu |
| Zhiqi Hao | Dave Jarzinski | Barry Karger |
| Mike Bartlett | Matt Hazelwood | Trixi Ueberheide |
| Gurmil Gendeh | Russ Constantineau | Chris Holliman |
| Yi Zhang | Andy Rodriguez | Jonathan Josephs |

Building a Better Orbitrap . . .



ThermoFisher
SCIENTIFIC

Demonstration of the Q Exactive for



Sales Representative: _____

Application Chemists: Mark Szewc, Josef Ruzicka

● The world leader in serving science

Agenda – Morning Plenary Sessions – SOMERSET

8:00 – 9:00 am

Registration and Continental Breakfast

9:00 – 9:15 am

Welcome/Introduction/Agenda Review

Rich Klein, Thermo Fisher Scientific

9:15 – 9:35 am

**More Capabilities, New Possibilities
in Mass Spectrometry**

Iain Mylchreest, Ph.D., Thermo Fisher Scientific

9:35 – 10:05 am

**Thermo Scientific Orbitrap
Technology Update**

Thomas Moehring, Ph.D., Thermo Fisher Scientific

10:05 – 10:35 am

**Thermo Scientific Below Pro:
A Versatile, High Performance Ion Trap
System Designed for Life Science
Research**

Julie Horner, Ph.D., Thermo Fisher Scientific

10:35 – 11:00 am **Break**

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**Thermo Scientific Below Pro:
A Versatile, High Performance Ion Trap
System Designed for Life Science
Research**

Billy Wu, Ph.D. and Barry Karger, Ph.D.,
Northeastern University

10:35 – 11:00 am **Break**

Agenda – Three Track Breakouts

SOMERSET

TRACK 1

Proteomics & BioPharma Characterization

11:00 – 11:40 am

Proteomics Using Thermo Scientific Orbitrap Velos Pro and Elite Technology
Julian Saba, Ph.D., Thermo Fisher Scientific

11:40 – 12:20 pm

New Approaches to Protein Quantification by High Resolution Mass Spectrometry Using the Q Exactive
Zhiqi Hao, Ph.D., Thermo Fisher Scientific

12:20 – 12:50 pm **Lunch**

12:50 – 1:10 pm

Lunch Talk: New Technology UHPLC and nLC

1:10 – 1:20 pm

Lunch Talk: Technology Refresh Program
Mike Bartlett, Thermo Fisher Scientific

1:20 – 1:50 pm

Characterization of Biologics I (Intacts, NCA, PTMs) Monoclonal Antibody Characterization
Gurmil Gendeh, Thermo Fisher Scientific

1:50 – 2:20 pm

A Complete Workflow Solution for Intact Monoclonal Antibody Characterization Using a New High-performance Benchtop Quadrupole-Orbitrap LC-MS/MS
Yi Zhang, Ph.D., Thermo Fisher Scientific

2:20 – 2:50 pm

Characterizing HIV Specific Antibodies in Sera from Patients Who Do Not Progress Towards AIDS
Beatrix Ueberheide, Ph.D., New York University

2:50 – 3:05 pm **Break**

3:05 – 3:45 pm

Pinpoint and Sieve for Proteomics and Metabolomics
Michael Athanas, Ph.D., VAST Scientific and Amol Prakash, Ph.D., Thermo Fisher Scientific

4:00 pm **Meeting Concludes**

TRACK 2

Metabolism and Quantitation

11:00 – 11:40 am

HRAM Quantification (or Quantitation) Using Thermo Scientific Q Exactive
Making the Transition from a Quantitation Lab to a Quant-Information Lab
Chris Holliman, Ph.D., Pfizer, Inc.
Thermo Scientific Q Exactive – Next Generation System for Quantitation
Kevin McHale, Ph.D., Thermo Fisher Scientific

11:40 – 12:20 pm

Metabolomics/Lipidomics Using Thermo Scientific Q Exactive
Mark Sanders, Ph.D., Thermo Fisher Scientific

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Targeted MS Quantitation Assays for Signal Transduction Protein Pathways
Paul Haney, Ph.D., Thermo Fisher Scientific

1:50 – 2:20 pm

Comprehensive Metabolite Profiling in a Discovery Environment, Coupled Workflows Enabled by HRMS
Jonathan Josephs, Ph.D., Bristol Myers Squibb

2:20 – 2:50 pm

Thermo Scientific Exactive Quick Quan
Keeley Murphy, Thermo Fisher Scientific

2:50 – 3:05 pm **Break**

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TRACK 3

LC + Ion Chromatography

11:00 – 11:40 am

Environmental Analysis: Tools to Boost Water Lab Productivity & Automation: Ion Chromatography; Elemental Analysis
Michael Hvizd, Thermo Fisher Scientific (formerly Dionex) and Fergus Keenan, Thermo Fisher Scientific

11:40 – 12:20 pm

Ion Analysis: Green chemistry for a Green Environment
Aaron Rose, Thermo Fisher Scientific (formerly Dionex)

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Mike Bartlett, Thermo Fisher Scientific

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Chromeleon 7: Operational Simplicity for Your Laboratory Workflow
Matt Hazelwood, Thermo Fisher Scientific (formerly Dionex)

1:50 – 2:20 pm

Holistic HPLC/UHPLC Strategies for Pharmaceutical Labs
Mark Netsch, Thermo Fisher Scientific (formerly Dionex)

2:20 – 2:50 pm

Strengthening Results: Advanced Chromatography with Mass Detection
Mark Netsch, Thermo Fisher Scientific (formerly Dionex)

2:50 – 3:05 pm **Break**

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Improving Workflows with Automated Sample Prep & Multiplexing
Speaker from Thermo Fisher Scientific (formerly Dionex)

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Accucore: Ultimate Core Performance LC Column Technology to Maximize Your Investment
Dave Jarzinski, Thermo Fisher Scientific

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Speaker from Thermo Fisher Scientific (formerly Dionex)

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Quicker Drug Discovery: NanoLC-MS Workflows for Targeted & Discovery Proteomics
Russ Constantineau, Thermo Fisher Scientific (formerly Dionex)

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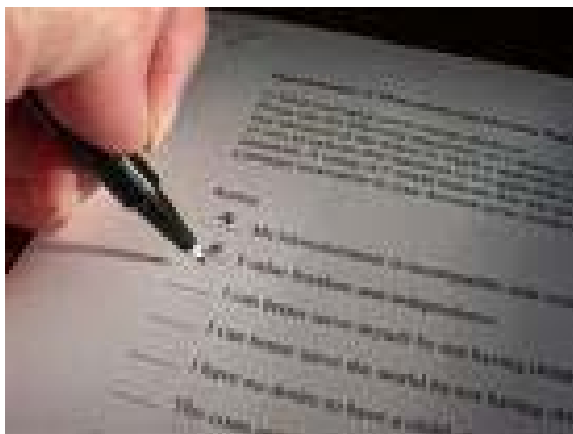
“Winning ...”

Drawing during lunch

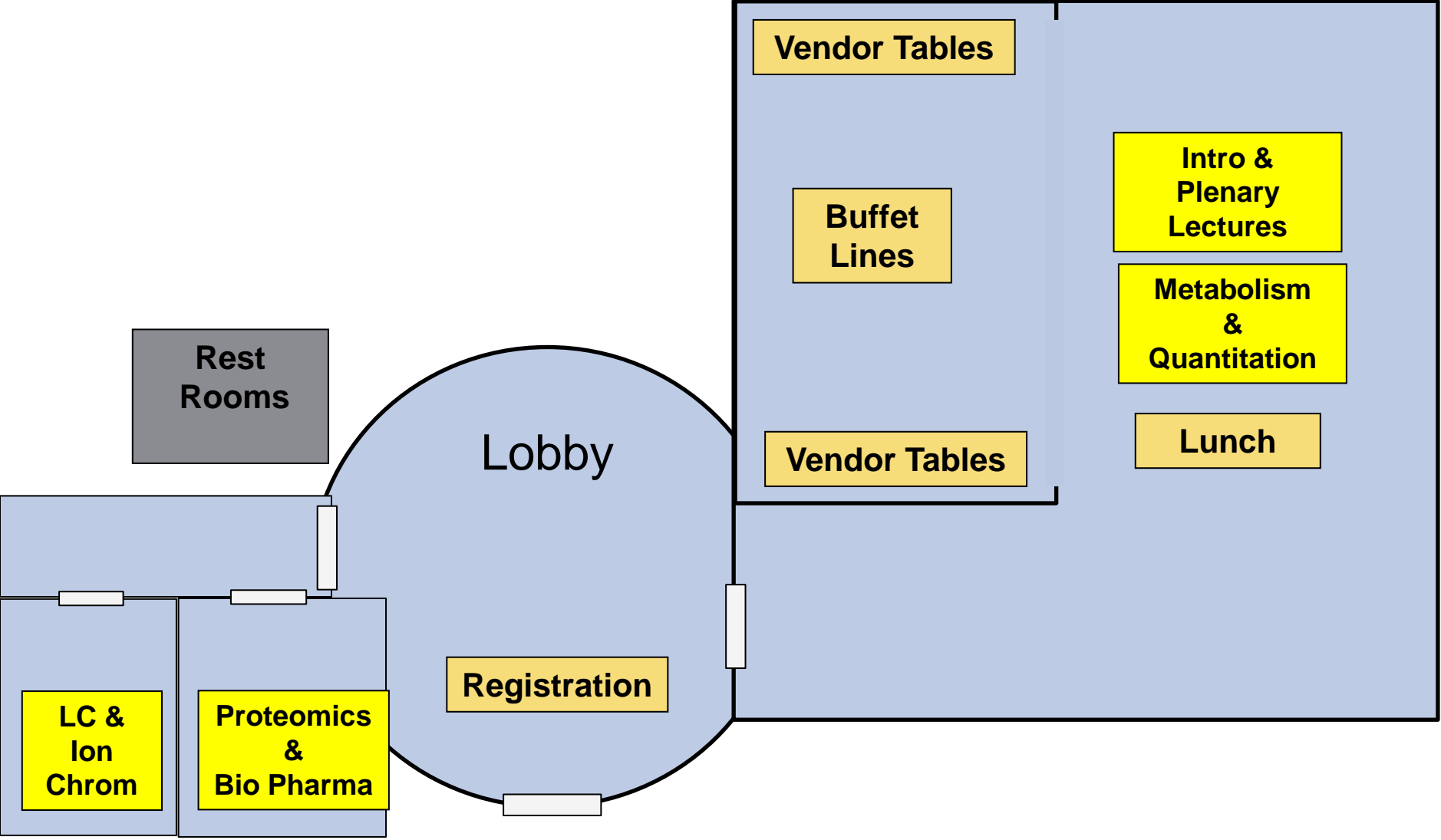
- Complete Raffle Ticket and place half in punch bowl at lunch
- Drawing held at the end of lunch (must be present to win)



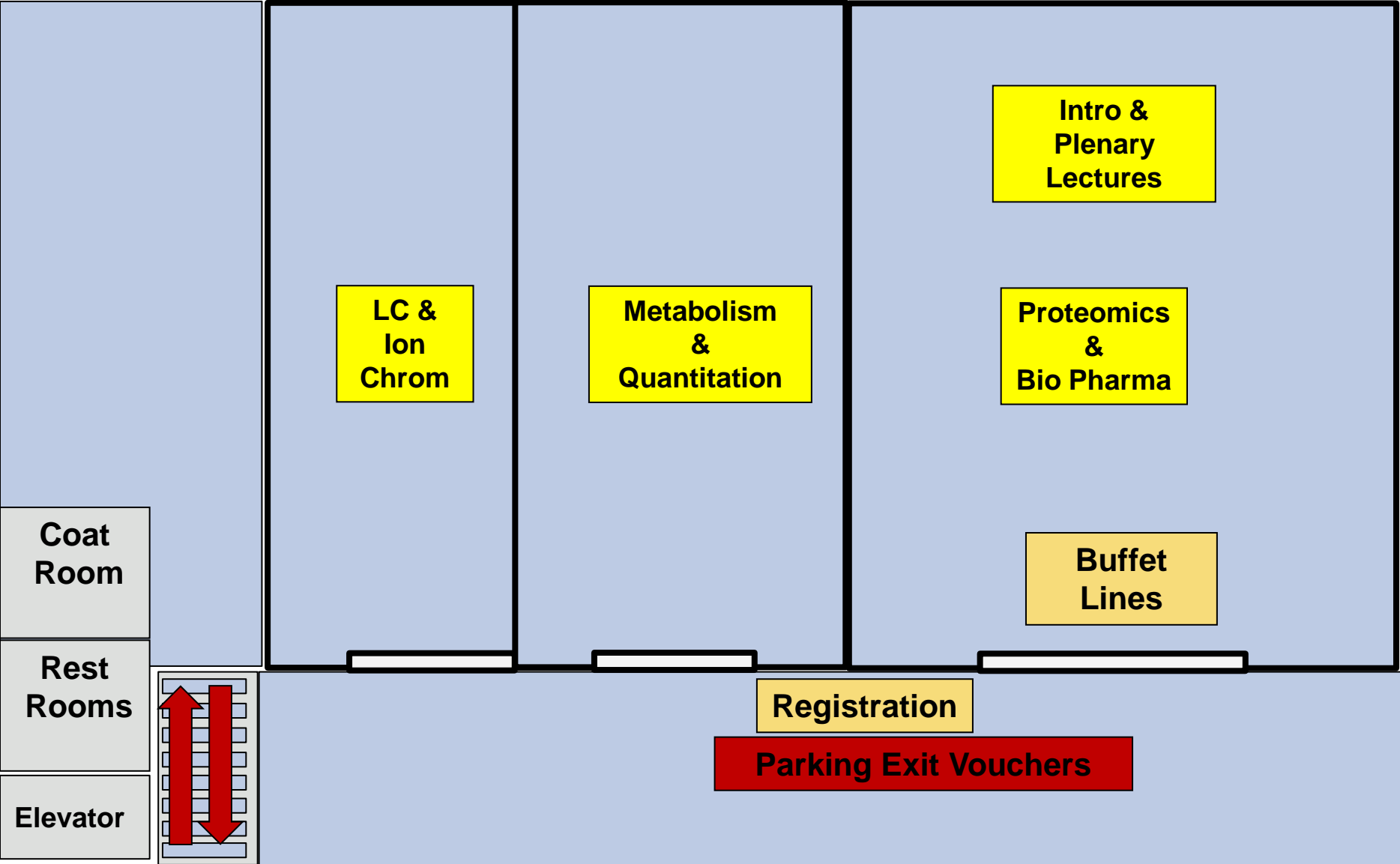
Complete Exit Surveys to Receive Souvenir



Logistics -- Somerset Imperia



Logistics – Boston Cambridge Marriott



Please Silence Cell Phones

