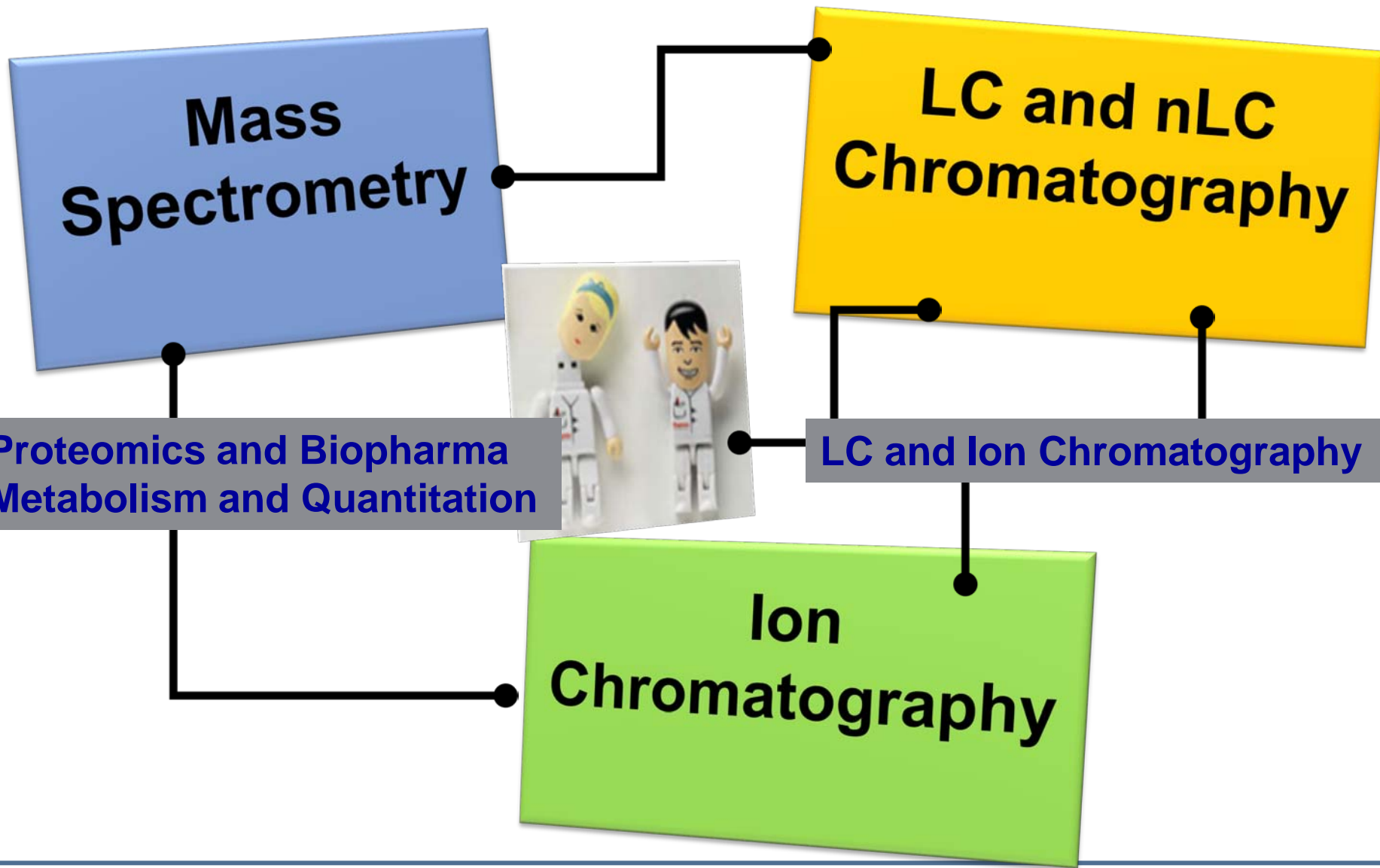


# Thermo Fisher Scientific Chromatography and Mass Spectrometry Users Meeting

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 ...

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

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

# 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 – CAMBRIDGE

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**

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

10:35 – 11:00 am **Break**



## 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

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 pm – 1:50 pm

**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**

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 3

### LC + Ion Chromatography

11:00 – 11:40 am

**Holistic HPLC/UHPLC Strategies for Pharmaceutical Labs**  
Rainer Bauder, Thermo Fisher Scientific (formerly Dionex)

11:40 – 12:20 pm

**Accucore: Ultimate Core Performance LC Column Technology to Maximize Your Investment**  
Dave Jarzinski, 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

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

1:50 – 2:20 pm

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

2:20 – 2:50 pm

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

2:50 – 3:05 pm **Break**

3:05 – 3:45 pm

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

4:00 pm **Meeting Concludes**

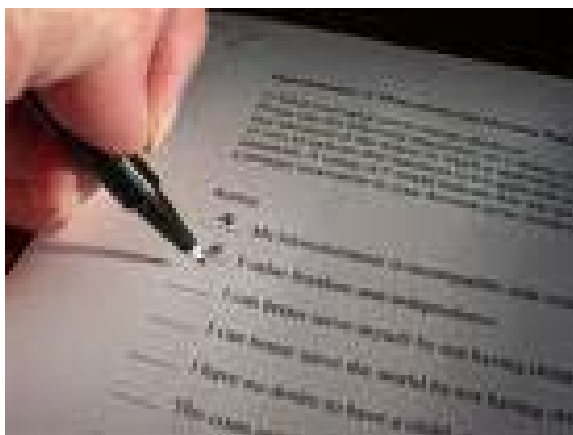
# “Winning ...”

## 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)

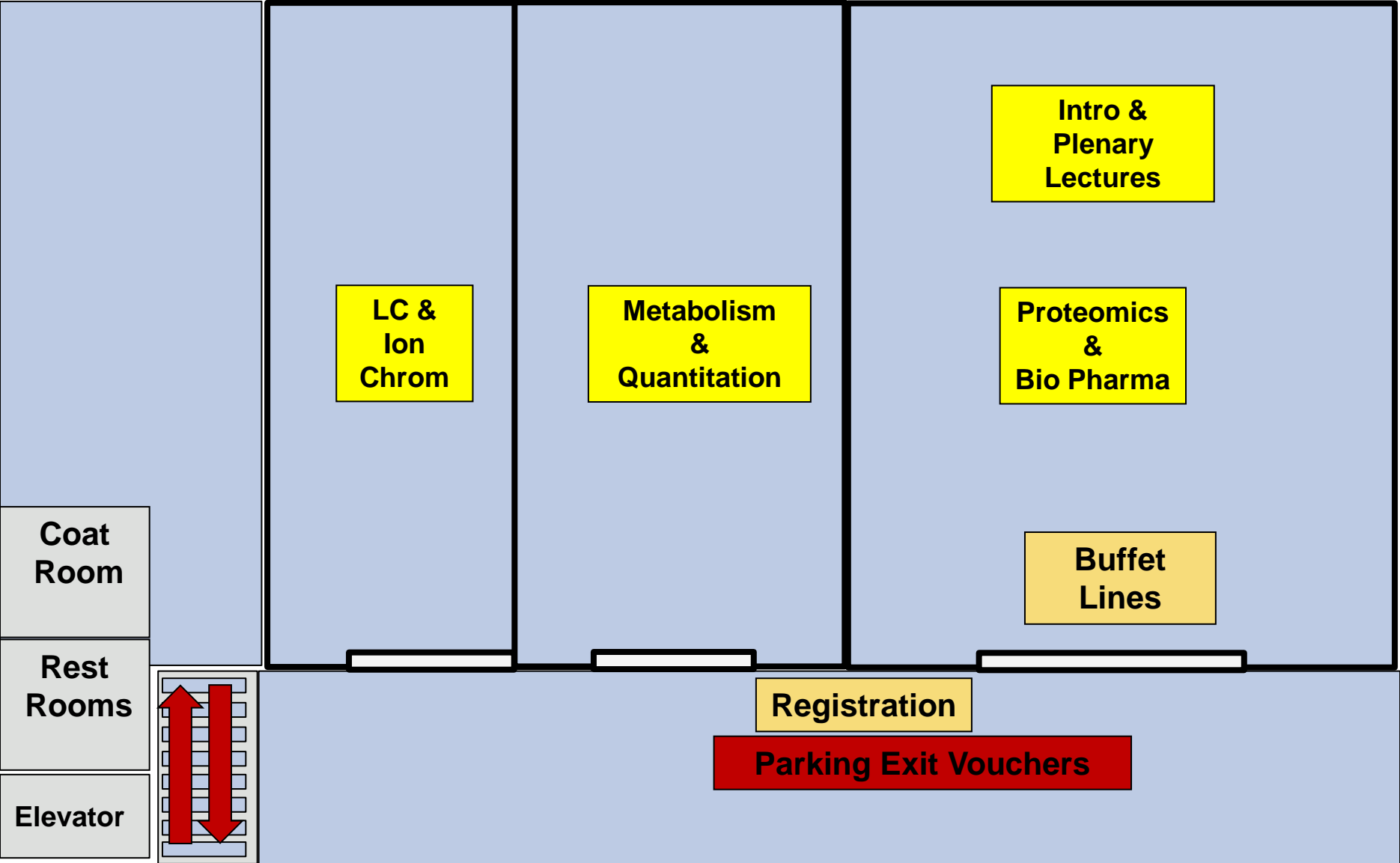


## Complete Exit Surveys to Receive Souvenir





# Logistics – Boston Cambridge Marriott



# Please Silence Cell Phones

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