Proteomics Research Group (PRG)

https://abrf.org/research-group/proteomics-research-group-prg

Pratik Jagtap

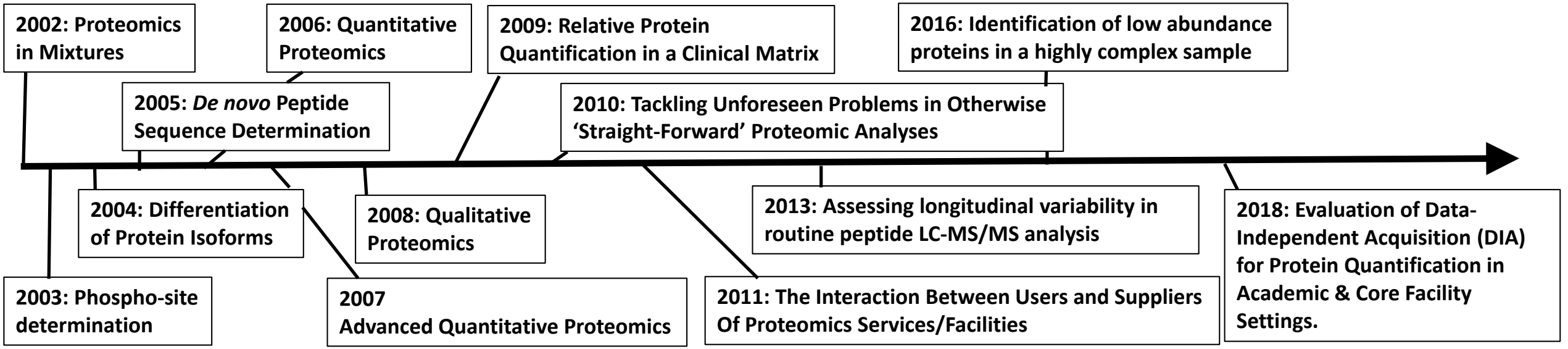
Chair

PRG Mission Statement

The Proteomics Research Group (PRG) is a volunteer scientific organization dedicated to **sharing knowledge about the analysis of proteins**. The PRG aims to assist protein scientists and resource facilities to achieve their highest potential by sponsoring **annual research studies** that examine current techniques and capabilities. Through the **promotion of broad participation and scientific excellence**, the PRG aims to raise awareness, knowledge and education about modern methods of protein analysis.

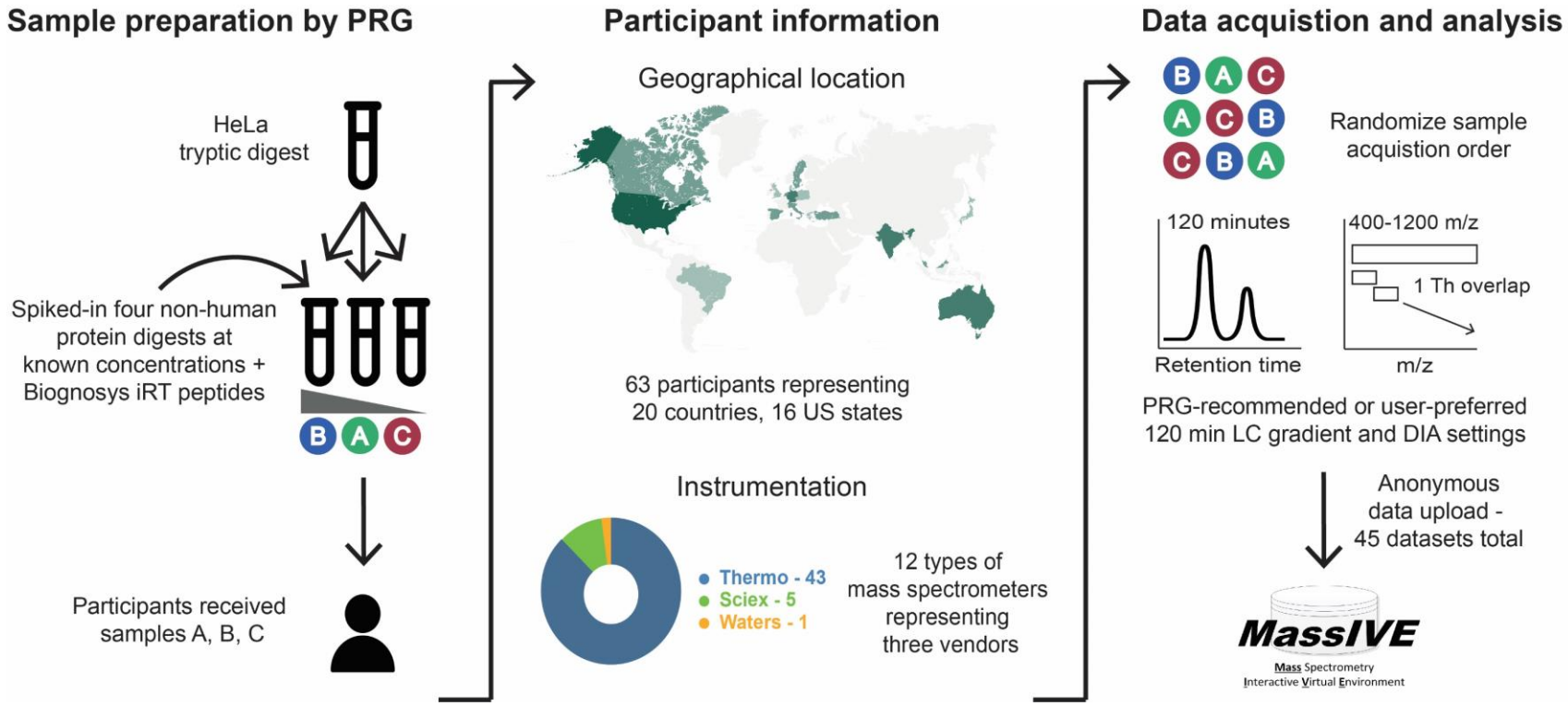
Previous Studies

- **Dedicated to sharing knowledge about the analysis of proteins.**
- **Conducts annual research studies that examine current and emerging methods.**



Current Study: 2018 Evaluation of Data-Independent Acquisition (DIA) for Protein Quantification in Academic and Core Facility Settings.

2018



Past Members

- **Established in January 2001.**

  - Kathryn Stone (Yale University, New Haven, CT) – First chair.

Kathryn Stone

Christopher Colangelo

Kathryn S Lilley

Nathan A Yates

Robert L Moritz

David L Tabb

Michael MacCoss

Chris W Turck

Susan T. Weintraub

Thomas Neubert

Current Members

- Laura Herring – University of North Carolina, Chapel Hill, NC
- Pratik D. Jagtap – University of Minnesota, Minneapolis, MN
- Joanna Kirkpatrick – The Francis Crick Institute, London, UK
- LeRoy Martin – Waters Corp., Beverly, MA
- Mukul K. Midha – Institute for Systems Biology, Seattle, WA
- Benjamin A. Neely - National Institute of Standards & Technology, Charleston, SC
- Magnus Palmblad – Leiden University Medical Center, Leiden, The Netherlands
- Brett S. Phinney – University of California Davis, Davis, CA
- Baozhen Shan – Bioinformatics Solutions Inc., Waterloo, ON, Canada
- Paul Stemmer – Wayne State University, Detroit, MI
- Yan Wang – National Institutes of Health, MD

ARE WE LOOKING FOR NEW MEMBERS?

YES!

pjagtap@umn.edu

iPRG

Mission: ***To educate ABRF members and the scientific community on best application and practice of bioinformatics toward accurate and comprehensive analysis of proteomics data.***

Past studies include:

iPRG-2012: Modified Peptides (*MCP* 2014)

iPRG-2013: RNA-Seq + Proteomics (*JBT* 2013)

iPRG-2015: Label-Free Quant (*JPR* 2016)

iPRG-2016: Proteoform Infererence (*JPR* 2018; *JBT* 2018)

iPRG-2019-2020: Metaproteomics

iPRG Members

Recruiting new members!

Darryl Davis (Chair) - Janssen Pharmaceuticals, Horsham, PA

Tony Harvey - Thermo Fisher Scientific, Austin, TX

Michael Hoopmann - Institute for Systems Biology, Seattle, WA

Susan T. Weintraub - Univ. of Texas Health Science Center at San Antonio, TX

Samuel H. Payne - Brigham Young University, Provo, UT

Lukas Käll - Royal Institute of Technology, Stockholm, Sweden

Yasset Perez-Riverol - European Bioinformatics Institute, Hinxton, UK

Magnus Palmblad (EB Liaison) - Leiden University Medical Center, The Netherlands

Pratik Jagtap (*Ad hoc*) - University of Minnesota, St. Paul, MN

Benjamin Neely (*Ad hoc*) - National Institute of Standards and Technology, Charleston, SC

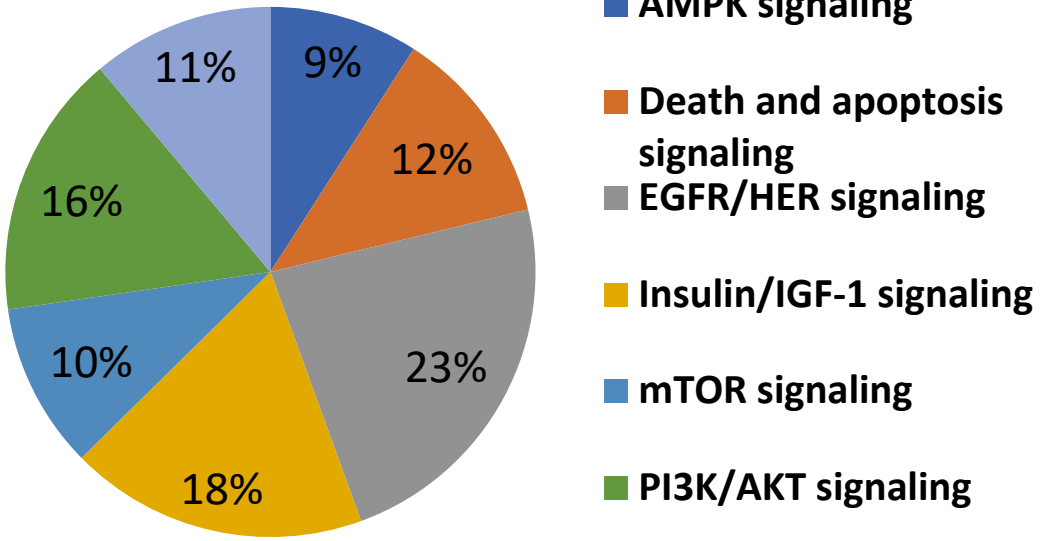
sPRG: Proteomics Standards Research Group

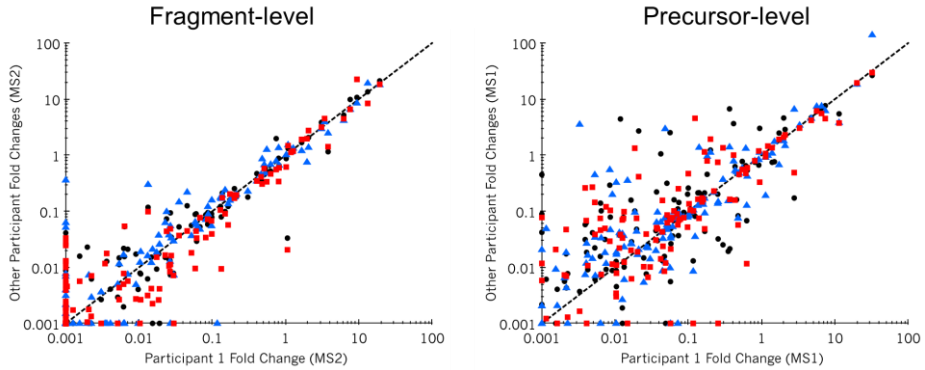
Proteomics Standards Research Group (sPRG)

The mission of the ABRF Proteomics Standards Research Group (sPRG) is to promote and support the development and use of standards in proteomics for the benefit of all research laboratories, resource facilities and individual scientists including ABRF members and member laboratories.

Email us: sprg@my.abrf.org

Multi-year study to develop a heavy-isotope labeled multi-pathway phospho-peptide standard





Poster #191 (Mon AM)