SUNDAY, JANUARY 23
Arrival and Registration

MONDAY, JANUARY 24
Welcome and Keynote Address (J5)
Ivan Dikic, Goethe University Medical School, Germany
Phosphoribosyl-Dependent Ubiquitination and Pathogenesis

Welcome and Keynote Address (J6)
Benjamin L. Ebert, Dana-Farber Cancer Institute, USA
Targeted Protein Degradation for the Treatment of Cancer

Regulating Nuclear Function with Ubiquitin (J5)
Niels Mailand, University of Copenhagen, Denmark
Ubiquitin-Dependent Signaling in the DNA Damage Response
Jo R. Morris, University of Birmingham, UK
SUMOylation in the DNA Double-Strand Break Response

Lori A. Passmore, MRC Laboratory of Molecular Biology, UK
Monoubiquitination in DNA Crosslink Repair

Short Talk(s) Chosen from Abstracts

Proteolysis Targeting Chimeras (PROTACs) (J6)
Alessio Ciulli, University of Dundee, School of Life Sciences, UK
Structural Chemical Biology and Insights into PROTAC Mechanism of Action

Nathanael Gray, Stanford University, USA
Targeting Kinases Via Protein Degradation

Shaomeng Wang, University of Michigan, USA
Targeting Transcriptional Factor STAT3 and Other STAT Proteins by PROTAC

Short Talk(s) Chosen from Abstracts

Mechanisms of Protein Ubiquitylation and Degradation (Joint)
Brenda A. Schulman, Max Planck Institute of Biochemistry, Germany
Cullin-RING E3 Ligation Mechanisms

Nicolas H. Thomä, Friedrich Miescher Institute for Biomedical Research, Switzerland
The Zinc Finger Degroume

Kylie J. Walters, NCI, National Institutes of Health, USA
Outskirts of the Proteasome: Substrate Receptors and Beyond

Short Talk(s) Chosen from Abstracts

Poster Session 1

TUESDAY, JANUARY 25
Strategies for Therapeutic Targeting of the Ubiquitin Proteasome System (Joint)

Mikko Taipale, University of Toronto, Canada
Functional Genomics by Induced Proximity

James E. Bradner†, Novartis Institutes for BioMedical Research, USA
Strategies for Therapeutic Targeting of the UPS

Sara Buhrlage, Dana-Farber Cancer Institute, USA
Approaches to Identify New DUB Inhibitors

Ingrid E. Wertz, Bristol Myers Squibb, USA
Identification, Development, and Characterization of Inhibitors for Deubiquitinating Enzymes

Short Talk(s) Chosen from Abstracts

Ubiquitin-Dependent Quality Control Mechanisms (J5)

Sonya Neal, University of California, San Diego, USA
The Role of Rhomboid Pseudoprotease Dfm1 in ERADicating Misfolded Membrane Proteins

Eric J. Bennett, University of California, San Diego, USA
Ribosome Associated Quality Control Mechanisms

Susan Shao, Harvard Medical School, USA
Mechanisms of Ribosome-Associated Protein Degradation

Short Talk(s) Chosen from Abstracts

Novel Approaches to Protein Degradation/Homeostasis for Therapeutics (J6)

Leo James, MRC Laboratory of Molecular Biology, UK
Targeted Protein Depletion Using Cytosolic Antibodies

Eric S. Fischer, Dana-Farber Cancer Institute, USA
How Structural Biology will Transform Targeted Protein Degradation?

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Poster Session 2

WEDNESDAY, JANUARY 26
New Paradigms in Protein Ubiquitylation (J5)

Emily Troemel, University of California, San Diego, USA
Ubiquitin Signaling within the Intracellular Pathogen Response Pathway

Heman Darwin, New York University School of Medicine, USA
Proteasomal Regulation of Mycobacterial Virulence

Katerina Artavanis-Tsakonas, University of Cambridge, UK
How Parasites Interfere with and Manipulate the Host Ubiquitin-Proteasome System

* Session Chair † Invited but not yet accepted  Program current as of September 19, 2021. Meal formats are based on meeting venue.
For the most up-to-date details, visit https://www.keystonesymposia.org.
Satpal Virdee, University of Dundee, UK  
Non-lysine Ubiquitination and Deubiquitination  
Short Talk(s) Chosen from Abstracts

Novel Approaches to the Development and Discovery of Molecular Glues (J6)  
Anita K. Gandhi, Bristol-Myers Squibb, USA  
Emerging CELMoDs in Hematological Malignancies  
Daniel K. Nomura, University of California, Berkeley, USA  
Reimagining Druggability using Chemoproteomic Platforms  
Georg E. Winter, CeMM Research Center for Molecular Medicine, Austria  
Chemical Genomics Approaches to Targeted Protein Degradation  
Ekaterina Vinogradova, Rockefeller University, USA  
Covalent Small-Molecule Protein Degraders  
Short Talk(s) Chosen from Abstracts

Workshop (J5)  
Short Talks Chosen from Abstracts

Ubiquitin System Dysregulation in Disease (J5)  
J. Wade Harper, Harvard Medical School, USA  
Systematic Analysis of Ubiquitin System Dysfunction in Mitochondrial Disorders  
James A. Olzmann, University of California, Berkeley, USA  
Lipid Droplet Proteome Dynamics and Regulation  
Michael Rape, University of California, Berkeley, USA  
The Role of Heterotypic Ubiquitin Chains in Protein Quality Control  
Short Talk(s) Chosen from Abstracts

Methodologies and Technologies for the Investigation of Protein Degradation (J6)  
Steven P. Gygi, Harvard Medical School, USA  
Reimagining Fragment Based Multiplexed Chemical Proteomics for Cell Based Screening of Large Electrophile Libraries  
Rajesh Chopra, Apple Tree Partners, USA  
Phenotypic Screens for Identifying Modulators of E3 Ligase Function  
Hsueh-Chi S. Yen, Academia Sinica, Taiwan  
C-Terminal End-Directed Protein Elimination by CRL2 Ubiquitin Ligases  
Short Talk(s) Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (J5)  
Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (J6)