SUNDAY, MARCH 26
Arrival and Registration

MONDAY, MARCH 27
Welcome and Keynote Address
Noboru Mizushima, University of Tokyo, Japan
Autophagy: Bridging Cell Biology and Biomedical Research

Autophagy Meets Translation
David C. Rubinsztein, Cambridge Institute for Medical Research, UK
Therapeutic Strategies using Autophagy in Neurodegeneration
Ralph A. Nixon, New York University, Langone Medical Center, USA
Endosomal-Lysosomal Dysfunction as a Primary Catalyst and 
Therapeutic Target in Alzheimer's Disease
Gilbert Di Paolo, Denali Therapeutics Inc., USA
Brain Delivery of Biotherapeutics Enhancing Lysosomal Function
Short Talk(s) Chosen from Abstracts

Workshop 1: Integrated Modulation of Organism Autophagy
Short Talks Chosen from Abstracts

Autophagy: Cell Type and Location Matters
Zhenyu Yue, Mount Sinai Medical Center, USA
The Landscape of Neuronal and Glial Autophagy
Sandra Maday, Perelman School of Medicine at the University of
Pennsylvania, USA
Differential Regulation of Autophagy in Astrocytes and Neurons
David Sulzer, Columbia University, USA
Local Autophagy: Role of Autophagic Degradation in Synaptic
Development
Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, MARCH 28
Autophagy Malfunctioning in Disease: Step-Specific Failure
Ai Yamamoto, Columbia University, USA
Autophagic Cargo Selection in Aggregopathies
Ana Maria Cuervo, Albert Einstein College of Medicine, USA
Lysosomal Defects Behind Selective Autophagy Failure in Disease 
and Aging
Ivan Dikic, Goethe University Medical School, Germany
Defects in ER-phagy and development of neuropathies
Karolina Milena Pircs, HCEMM-Semmelweis University and Lund
University, Hungary
Direct Neural Conversion: New Possibilities to Model Late-Onset
Neurodegenerative Diseases
Short Talk(s) Chosen from Abstracts

Autophagy and Neuronal Homeostasis in Aging
Yan Zhao, South China University of Technology, China
Autophagy Machinery in the Protection of Neuronal Homeostasis

Patricia Boya, Centro de Investigaciones Biológicas, CSIC, Spain
Autophagy Energetics in Neurodegeneration
Malene Hansen, Buck Institute for Research on Aging, USA
Autophagy and its Role in Aging and Disease
Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, MARCH 29
Targeting Components of the Autophagy-Endolysosomal System in 
Neurodegeneration
Hirokazu Arimoto, Tohoku University, Japan
Targeting Selective Autophagy by AUTAC Degraders
Nicholas T. Hertz, Mitokinin Inc., USA
Targeting Mitophagy in Neurodegeneration Diseases
Judith Klumperman, University Medical Center Utrecht, Netherlands
VPS41; Role in Lysosomal Function, Composition and Parkinson's Disease
Martin Kampmann, University of California, San Francisco, USA
Coupling of Neuronal Activity, Autophagy and Endolysosomal Trafficking to Neurodegeneration
Short Talk(s) Chosen from Abstracts

Workshop 2: Monitoring Autophagy: Biomarkers and Disease-Precision "Omics"
Short Talks Chosen from Abstracts

Approaches to Translation/Drug Discovery on Autophagy
Speaker to be Announced
Magdalene Moran, Caraway Therapeutics, USA
Targeting Lysosomal Ion Flux in Neurodegenerative Disease
Speaker to be Announced
Short Talk Chosen from Abstracts

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

THURSDAY, MARCH 30
Departure

* Session Chair † Invited but not yet accepted     Program current as of November 17, 2022 Meal formats are based on meeting venue.
For the most up-to-date details, visit https://www.keystonesymposia.org.