



Organizers: Maho Hamasaki (Faculty chair) ♦ Rebecca Sereda (Fellow chair)
Sophie Pattingre (Faculty cochair) ♦ Thabata Duquee (Fellow cochair)

Program Day 1

October 28, 2024 ♦ Times in EST USA

Session I

10:00 – 10:20 **INTRODUCTION** Report on WIA activities (Ana Maria Cuervo, MD PhD)

10:20 – 10:30 **Milton Packer, MD** | Baylor University (Maho Hamasaki, PhD)

10:30 – 11:20 **KEYNOTE SPEAKER**



Patricia Boya, PhD | University of Fribourg, Switzerland
Autophagy in the retina: A 20-year journey in cellular survival

-- 10 minutes break

11:30 – 12:30 **FLASH TALK SESSIONS**

-- 10 minutes break

12:40 – 13:55 **TRAINEE SESSION I** | Moderator: Thabata Duque, PhD

Emily Boyle, MS, Max Planck Institute of Biophysics, Germany (PhD Student)
In-situ structural analysis of selective autophagy cargo organization

Anais Franco Romero, PhD, University of Padova, Italy (Postdoc)
C16ORF70/Mytho promotes healthy ageing in C. elegans and Zebrafish model

Anna Mattioni, PhD, Santa Lucia Foundation, Italy (Postdoc)
A variant of the autophagic receptor NDP52 as a new therapeutic target for Alzheimer's Disease

Namrita Kaur, PhD, University of Oslo, Norway (Postdoc)
TECPR1 is activated by damage-induced sphingomyelin exposure to mediate noncanonical autophagy

Guadalupe Rojas-Sanchez, PhD, Bloodworks Northwest, USA (Postdoc)
Autophagy regulates platelet function and metabolism in inflammatory diseases

-- 5 minutes break

14:00 – 15:00 **MENTORING WORKSHOP**

Lab Philosophy: Defining and communicating expectations as a mentor and a trainee

15:00 – 15:05 Closing Remarks

Program Day 2

October 29, 2024 ♦ Times in EST USA

Session II

18:00 – 18:20 **INTRODUCTION** Report on WIA activities (Ana Maria Cuervo, MD PhD)

18:20 – 19:35 **TRAINEE SESSION II** | Moderator: Rebecca Sereda, MS

Amanda Bentley-DeSousa, PhD, Yale University, USA (Postdoc)
A STING-CASM-GABARAP pathway activates LRRK2 at lysosomes

Maria Ibrahim, MS, Rutgers University, USA (PhD Student)
Loss of Ccl2 rescues inflammation and survival during autophagy mediated cachexia

Phillip Dmitriev, MS, Albert Einstein College of Medicine, USA (MD PhD Student)
Translational regulation of chaperone-mediated autophagy by the RNA-binding protein IMP2

Jiachen Li, MS, Juntendo University, Japan (PhD Student)
A role of phosphorylation in the autophagic degradation of the p62 body

Nirma Perera, PhD, Florey Institute, Australia (Postdoc)
A blood-based biomarker to monitor human autophagy

-- 5 minutes break

19:40 – 20:40 **FLASH TALK SESSIONS**

-- 10 minutes break

20:50 – 21:50 **KEYNOTE SPEAKER**



Yoshinori Ohsumi, PhD | Tokyo Institute of Technology, Japan
Reflections on my 36 years of autophagy research

21:50 – 21:55 **CLOSING REMARKS and AWARDS** (Maho Hamasaki, PhD)

Introduction for WIA Annual Symposium 2025 (Sophie Pattingre, PhD)

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