



**Buenos Aires Conference on Autophagy,
Vesicular Trafficking, Mechanisms and Disease (BARC 2023)
December 6 & 7, 2023**

Chair: **María Inés Vaccaro** - Co-chair: **Sergio Daniel Catz**

Site: **Fundación Quirno: Talcahuano 1234, Ciudad de Buenos Aires**

Wednesday 6

8:00 - 9:00 Registration

9:00 - 9:10 **Welcome to BARC2023**

9:10 - 11:00 **Autophagy and Metabolic Disease** Chair: *Maria Ines Vaccaro*

9:10 - 9:50 **Keynote Conference** - Ana María Cuervo - Consequences of malfunctioning of chaperone-mediated autophagy in Aging

9:50 - 10:20 Coffee Break

10:20 - 10:40 Maria Eugenia Morselli - Autophagy-primary cilium crosstalk in hypothalamic neurons

10:40 - 11:00 Sergio Daniel Catz - Roles of endolysosomes and autophagy in neutrophil function

11:00 - 11:20 **Flash Talks** selected from posters. Chair: *Veronica Boggio & Claudio Fader*

11:20 - 12:45 **Poster exhibition** & Lunch

12:30 - Family Photo

12:45 - 14:35 ASAN Symposium Chairs: *Marisa Colombo & Pablo Wappner*

12:45 - 13:15 Claudio Fader - Erythropoiesis and autophagy: two closely related partners.

13:15 - 13:35 Mauricio Budini - Characterizing Chaperone-Mediated Autophagy (CMA) in Metabolic and Dental Processes

13:35 - 13:55 Alfredo Criollo - Autophagy in oral diseases

13:55 - 14:35 **Keynote Conference** - Marisa Colombo - Autophagy interplay with intracellular pathogens: a Tango dance

14:35 - 14:40 Break

14:40 - 15:40 Autophagy and Vesicular Trafficking Club. Chair: *Mario Rossi & Alfredo Criollo*

14:40 - 15:00 Pablo Wappner - Role of autophagy in *Drosophila* blood cell differentiation

15:00 - 15:20 Mario Rossi – AI in Cancer Research. Focus on Extracellular Vesicles.

15:20 - 15:40 Maria Ines Vaccaro – Secretory autophagy and extracellular vesicles in pancreas disease.

15:40 - 16:15 **Short Talks** to be selected from abstracts Chair *Alejandro Ropolo & Fabiana Lopez*

16:15 - 16:20 Break



16: 20 - 17:50 **Autophagy, Immunity, and degenerative disease.** Chair: Sergio Daniel Catz

16:20 - 16:40 Pablo Iribarren Innate immunity, Autophagy and Neuroinflammation

16.40 - 17:00 Silvana Zanlungo Matsuhiro - The c-Abl/TFEB pathway reveals a common therapeutic approach for lysosomal lipid storage diseases

17:00 - 17:45 **Keynote Conference** - David Rubinsztein (UK) - Autophagy and neurodegeneration

17:45 - 19:00 **Poster Discussion.** Chair Alejandro Ropolo & Claudio Fader

19:00 - 21:00 Cocktail/Dinner

Thursday 7

8:30 – 9:50 **Autophagy and Inflammatory response.** Chairs: Pablo Wappner & Mario Rossi

8:30 - 8:50 Analía Trevani - Regulation of human neutrophil IL-1 β secretion induced by Shiga toxin-producing *Escherichia coli* responsible for hemolytic uremic syndrome.

8:50 - 9:10 Adriana Mantegazza - Regulation of inflammasome activation by nutrient sensing and autophagy

9:10 - 9:30 Alejandro Ropolo - Role of VMP1 and autophagy in the inflammatory response during acute pancreatitis

9:30 - 9:50 Mariana Melani - Naughty proteins are having fun in the secretory pathway: unusual roles for the excysts and vps34 complexes.

9:50 - 10:00 **Prizes for Flash Talks & Close.** Chairs: Maria Ines Vaccaro & Sergio Daniel Catz

10:00 - 11:00 Brunch

12:00 - 14:00 Ceremony and Lecture

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Call for Abstracts is open. Deadline: November 18, 2023

Registration/Abstract submission:

https://docs.google.com/forms/d/e/1FAIpQLSdDLNufdsleaxQ6wKu0SXMAWjRO9Bko5OpietStbd_ZZXRadQ/viewform?usp=sf_link

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