



A.D. 1308

unipg

UNIVERSITÀ DEGLI STUDI
DI PERUGIA

Ph.D. in Biotechnology University of Perugia



WINTER SCHOOL
BIOTECHNOLOGY
PERUGIA

23-30 January 2023 - 9th Edition

Aula 1 – ADISU Via del Giochetto

Biotechnology & Aging



Ending aging: Adapted from GenerazioneBio.com

Sponsored by



con il patrocinio del Comune di Perugia



Comune di Perugia

Scientific Committee: Stefano Bruscoli
Gianluigi Cardinali
Fausto Elisei
Carla Emiliani

Organizing Committee:

Martina Alunni Cardinali
Stefano Bruscoli
Gianluigi Cardinali
Benedetta Carlotti
Laura Corte
Daniele Fioretto

Sabata Martino
Assunta Morresi
Francesco Paolucci
Efisio Puxeddu
Fabio Rondelli

Biotechnology & Aging



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BIOTECHNOLOGY
PERUGIA

info: dottorato.biotechologie@unipg.it

registration: <https://wsbperugia.com/>

Monday, January 23, 2023

Chairs: Gianluigi Cardinali, Stefano Bruscoli

15:00 – 15:30		OPENING
15:30 – 16:00	Gianluigi Cardinali	Come l'invecchiamento e la morte sono entrate nell'evoluzione
16:00 – 16:30	Chiara Argentati	Come le biotecnologie combattono la senescenza molecolare rigenerando i tessuti
16:30 – 17:00	COFFEE BREAK	
17:00 – 17:30	Stefano Bruscoli	Le sfide della medicina sull'invecchiamento
17:30 – 18:00	Fabio Rondelli	Chirurgia e biotecnologie: esistono degli elementi in comune?

Tuesday, January 24, 2023

Chairs: Sabata Martino, Daniele Fioretto

09:00 – 09:30		OPENING
09:30 – 11:00	Antonio Graziano	Innovative micrografting regenerative strategies for osteoarthritis: treatments in adults and elderly
11:00 – 11:30	COFFEE BREAK	
11:30 – 13:00	Claudia Verderio	Role of microglial extracellular vesicles in early synaptic dysfunction in Alzheimer disease
13:00 – 14:30	LUNCH and POSTER SESSION	
14:30 – 16:00	Simone Giuliano	Aging and infectious diseases
16:00 – 16:30	TEA BREAK	
16:30 – 18:00	Oral Presentations	Oral presentations of Ph.D Students

Wednesday, January 25, 2023

Chairs: Gianluigi Cardinali, Laura Corte

09:00 – 09:30		OPENING
09:30 – 11:00	Fabrizio d'Adda di Fagagna	Telomeres and Aging
11:00 – 11:30	COFFEE BREAK	
11:30 – 13:00	Micheal Klutstein	Cellular and epigenetic aging: Beer and Eggs
13:00 – 14:30	LUNCH and POSTER SESSION	
14:30 – 16:00	Joanna Mankiewicz-Boczek	Not just single cells - the problem of microbial diversity and aging for environmental biotechnologies
16:00 – 16:30	TEA BREAK	
16:30 – 18:00	Oral Presentations	Oral presentations of Ph.D Students

Biotechnology & Aging

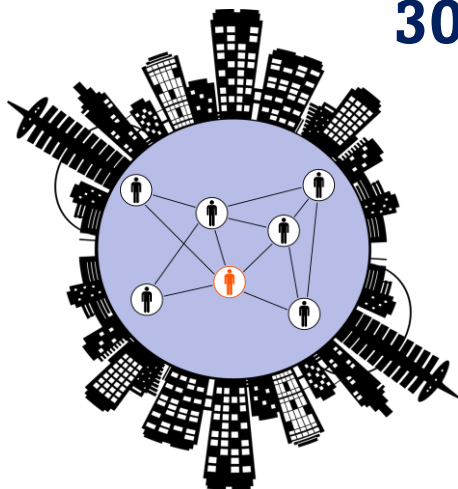


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Thursday, January 26, 2023

Chairs: Fabio Rondelli, Benedetta Carlotti

09:00 – 09:30		OPENING
09:30 – 11:00	Giampaolo Ugolini	The challenge of caring for old cancer patients. A surgeon's perspective from Minimally Invasive Surgery to Artificial Intelligence and supportive care
11:00 – 11:30		COFFEE BREAK
11:30 – 13:00	Valentina Benfenati	Glial Engineering: biotechnologies to unveil the role of glia in brain function, dysfunction and aging
13:00 – 14:30		LUNCH and POSTER SESSION
14:30 – 16:00	Virginia Boccardi	Aging, cellular senescence and cognitive decline
16:00 – 16:30		TEA BREAK
16:30 – 18:00	Oral Presentations	Oral presentations of Ph.D Students



30 January 2022 - ore 16,30
Sala dei Notari

Open day – Biotechnology and Society:
«Biotechnologie e Invecchiamento»

Speakers:

Prof. Luca Gammaitoni – University of Perugia (IT)
Prof.ssa Patrizia Mecocci – University of Perugia (IT)
Mons. Tomasz Trafny – Pontificio Consiglio della Cultura,
Città del Vaticano
Prof.ssa Alessandra Pioggia – University of Perugia (IT)

Chair:

Prof. Stefano Bruscoli
University of Perugia (IT)



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SPEAKERS	AFFILIATIONS
Valentina Benfenati	CNR-Istituto per la Sintesi Organica e la Fotoreattività, Bologna (IT)
Virgilia Boccardi	University of Perugia (IT)
Fabrizio D'Adda di Fagnana	IFOM, Milano (IT)
Luca Gammaitoni	University of Perugia (IT)
Simone Giuliano	Infectious Disease Unit, Santa Maria Misericordia University Hospital, Udine (IT)
Antonio Graziano	President and CEO - Gruppo Rigenera HBW (IT)
Michael Klutstein	Hebrew University of Jerusalem (IS)
Joanna Mankiewicz-Boczek	University of Lodz (PO)
Patrizia Mecocci	University of Perugia (IT)
Alessandra Pioggia	University of Perugia (IT)
Tomasz Trafny	Pontificio Consiglio della Cultura, Città del Vaticano
Giampaolo Ugolini	University of Bologna (IT)
Claudia Verderio	CNR- Istituto di Neuroscienze - Milano Bicocca (IT)



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