



A.D. 1308
unipg
UNIVERSITÀ DEGLI STUDI
DI PERUGIA



**SPRING SCHOOL
BIOTECHNOLOGY**
PERUGIA

Ph.D. in Biotechnology

Spring School on Biotechnology

26-29 May 2025 - 11th Edition

Hotel Sacro Cuore – Perugia

([Str. del Brozzo, 12, 06126 Perugia PG](#))

«Biomaterials and Artificial Intelligence in Biotechnologies»



26-29 May 2025 – Hotel Sacro Cuore

Strada del Brozzo, 12, 06126 Perugia, PG

Contact: info@wsbperugia.com

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

registration: <https://forms.gle/pVKNdPjBib4KCW7>



SPRING SCHOOL
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Monday, May 26, 2025

09:00-09:15 Opening...

09:45 – 11:15	Silvio Aime	MRI: nanosized agents and theranostic applications
11:15 – 11:30		COFFEE BREAK
11:45 – 12:45	Riccardo Fontanelli	Project Preparation and Management
12:45-14:00		LUNCH
15:00 – 16:30	Flavia Marcacci	Basi Epistemologiche del Pensare la Ricerca
16:30 – 17:00		COFFEE BREAK
17:00 – 18:30	Flavia Marcacci	Laboratorio Epistemologico

Chairs: Gianluigi Cardinali, Bernard Fioretti

Tuesday, May 27, 2025

09:15 – 10:45	Nadia Lotti	Chemical Structure and Processing of Polymers: Key Parameters Affecting Biological Response
10:45 – 11:15		COFFEE BREAK
11:15 – 12:45	Graziano Ceccarelli & Fabio Rondelli	Dalla Chirurgia Robotica all'Intelligenza Artificiale, Prospettive Presenti e Future
12:45 – 14:00		LUNCH
15:00 – 16:30	Marco Zullich	Building Trust in AI: A Critical Analysis of Modern AI Limitations and Opportunities
16:30 – 17:00		COFFEE BREAK
17:00 – 18:30	Damiano Perri	Lab 2

Chairs: Sabata Martino, Stefano Bruscoli

Wednesday, May 28, 2024

09:15 – 10:45	Michael Monaghan	Materiali bioispirati
10:45 – 11:15		COFFEE BREAK
11:15 – 12:45	Manlio Tassieri	i-rheo: One Small (Step) Strain in Rheology, One Giant Leap in Viscoelastic Characterisation
12:45 – 14:30		LUNCH
15:00 – 16:30	Damiano Perri	Lab 4
16:30 – 17:00		COFFEE BREAK
17:00 – 18:30	Vitality	Prospettive lavorative post-dottorato

Chairs: Silvia Caponi, Daniele Fioretto

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Thursday, May 29, 2024

09:15 – 10:45	Antonio Facchetti	Mixed Ionic-Electronic Conductors and Electrochemical Transistors for Bioelectronics
10:45 – 11:15		COFFEE BREAK
11:15 – 12:45	Damiano Perri	Lab 5
12:45 – 14:00		LUNCH
16.30		Open Day – Biotecnologie e Società: La sfida delle Biotecnologie e dell'IA
		Sala dei Notari - P.zza IV Novembre

Chair: Assunta Marrocchi, Laura Corte



BIOMATERIALI

May 29th Round Table

16:30 - Sala dei Notari

Piazza IV Novembre - 06123 Perugia (PG)



INTELLIGENZA
ARTIFICIALE

«Biotecnologie e Società: la sfida delle biotecnologie e della IA»

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Invited speakers:

Silvio Aime – University of Torino (I)

Graziano Ceccarelli – ASU FC (I)

Antonio Facchetti – Georgia Tech (USA)

Nadia Lotti - University of Bologna (I)

Flavia Marcacci – University of Urbino- Carlo Bò (I)

Michael Monaghan - Trinity College Dublin (IE)

Fabio Rondelli – University of Perugia (I)

Manlio Tassieri – University of Glasgow (UK)

Marco Zullich – University of Groningen (NL)

26-29 May 2025

Hotel Casa Sacro Cuore - Perugia

(Str. del Brozzo, 12, 06126 Perugia PG)

Scientific Committee:

Gianluigi Cardinali
Stefano Bruscoli
Fausto Elisei
Carla Emiliani
Daniele Fioretto
Sabata Martino

Organizing Committee

Gianluigi Cardinali	Elisa Cerza
Stefano Bruscoli	Roberto Scarponi
Silvia Caponi	Beatrice Strinati
Laura Corte	Pietro Mancini
Bernard Fioretti	
Daniele Fioretto	
Assunta Marrocchi	
Sabata Martino	