



Spring School on Biotechnology

27-31 May 2024 - 10th Edition
Nocera Umbra (PG) & Perugia

«**Biomaterials and Biodevices in
Biotechnology**»



27-30 May 2024 – Domus Ecclesiae

Via S. Rinaldo, 8, 06025 Nocera Umbra PG

info: info@wsbperugia.com

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



SPRING SCHOOL
BIOTECHNOLOGY
PERUGIA

Monday, May 27, 2024

09:00-09:30 Opening a cura del Prorettore Vicario, **Prof. Fausto Elisei**

09:30 – 11:00	Giorgio Scita	<i>Born to melt: Tissue fluidification in pathophysiology</i>
11:00 – 11:30		COFFEE BREAK
11:30 – 13:00	Lorenzo Favaro	<i>Biotechnologies to deal with end-of-life bioplastics</i>
13:00 – 15:00		LUNCH
15:00 – 16:30		<i>Students Presentations I</i>
16:30 – 17:00		COFFEE BREAK
17:00 – 18:30		<i>Students Presentations II</i>

Morning Chairs: Laura Corte, Silvia Caponi

Afternoon Chair: Sandra Buratta

Tuesday, May 28, 2024

09:00 – 10:30	Matteo Cianchetti	<i>Biorobotics and soft robotics technologies for human-centered applications</i>
10:30 – 11:00		COFFEE BREAK
11:00 – 12:30	Duccio Medini	<i>Revolutionizing RNA Design and Manufacturing: Towards Global Impact</i>
12:30 – 14:00		LUNCH
14:20 – 16:30		<i>Open Day con le Scuole: Storie di Biotechnologie e di Biotechnologi (Aula Magna IC, Dante Alighieri, Nocera Umbra)</i>
16:30 – 17:00		COFFEE BREAK
17:00 – 18:30		<i>PhD Convention</i>

Morning Chairs: Stefano Bruscoli, Daniele Fioretto

Wednesday, May 29, 2024

09:00 – 10:30	Wolfgang Zimmerman	<i>Biocatalytic degradation of plastics</i>
10:30 – 11:00		COFFEE BREAK
11:00 – 12:30	Antonio Facchetti	<i>Electrochemical transistors for bioelectronics. Materials, processes and device architectures</i>
12:30 – 14:30		LUNCH
14:30 – 16:00		<i>Students Presentations III</i>
16:00 – 16:30		COFFEE BREAK
16:30 – 18:00		<i>Students Presentations IV</i>
21:00		<i>Social Event – Documento teatrale « Bernardo Dessau – Fisico Scienziato Maestro »</i>

Morning Chairs: Gianluigi Cardinali, Assunta Marrocchi

Afternoon Chair: Bernard Fioretti

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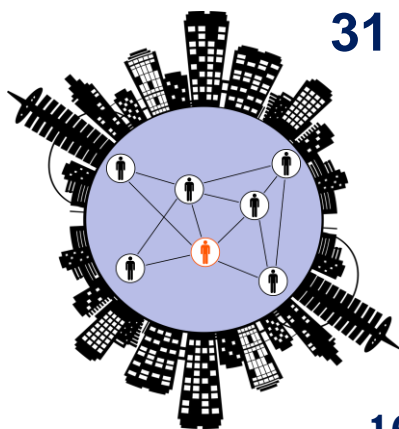
Thursday, May 30, 2024

09:00 – 10:30	Massimo Vassalli	<i>Bioengineering tools to study cellular mechanosensation</i>
10:30 – 11:00		COFFEE BREAK
11:00 – 12:30	Salvatore Aglioti	<i>Visceral minds: deep body signals modulate higher order cognitive and emotional functions</i>
12:30 – 14:30		LUNCH
14:30 – 16:00		Meeting With Companies
16:00 – 16:30		COFFEE BREAK
16:30 -- 18:00		Free Afternoon

Morning Chairs: Sabata Martino, Domenico V. Delfino

31 May 2024 – Aula Magna del Rettorato

Piazza dell'Università, 1 - 06123 Perugia (PG)



09:30 Open day con le Scuole Superiori – **«Storie di Biotecnologie e di Biotecnologi»**

16:30 Open day – Biotecnologie e Società
«Sfide e nuovi orizzonti delle Biotecnologie»

Saluti: Delegato alla didattica – Prof.ssa Carla Emiliani

Prof. Luca Gammaitoni – Dipartimento di Fisica e Geologia Università degli Studi di Perugia –
Coordinatore del progetto Vitality

Dr. Antonio Graziano – Presidente e AD di Rigenera HBW

Magg. Dr. Filippo Molinari- Capo Sez. 'Istituto di scienze biomediche della Difesa

Prof. Pietro Refolo - Facoltà di Medicina e chirurgia "A. Gemelli" - Università Cattolica del Sacro Cuore

Modera : Prof. Gianluigi Cardinali – Coordinatore del dottorato di Ricerca in Biotecnologie



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«Biomaterials and Biodevices in Biotechnology»

SPEAKERS	AFFILIATIONS
Prof. Matteo Cianchetti	Scuola Superiore Sant'Anna (IT)
Prof. Salvatore Maria Aglioti	Sapienza, University of Rome (IT)
Prof. Antonio Facchetti	Georgia Institute of Technology (USA)
Prof. Lorenzo Favaro	University of Padua (IT)
Prof. Duccio Medini	Wellcome Leap, R3 Program Director (IT)
Prof. Giorgio Scita	Università degli Studi di Milano Statale & IFOM (IT)
Prof. Massimo Vassalli	University of Glasgow (UK)
Prof. Wolfgang Zimmerman	University of Leipzig (DE)

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Organizing Committee

Scientific Committee:

Stefano Bruscoli
Gianluigi Cardinali
Fausto Elisei
Carla Emiliani

Husam B R Alabed
Martina Alunni Cardinali
Stefano Bruscoli
Silvia Caponi
Benedetta Carlotti
Laura Corte
Domenico Vittorio Delfino
Bernard Fioretti
Daniele Fioretto
Assunta Marrocchi

Sabata Martino
Gandino Mencarelli
Petronela Munteanu
Miriam Paci
Stefano Pagano
Lucrezia Rosati
Chiara Ruspi
Roberto Scarponi
Sara Stefani
Katarina Stojkov