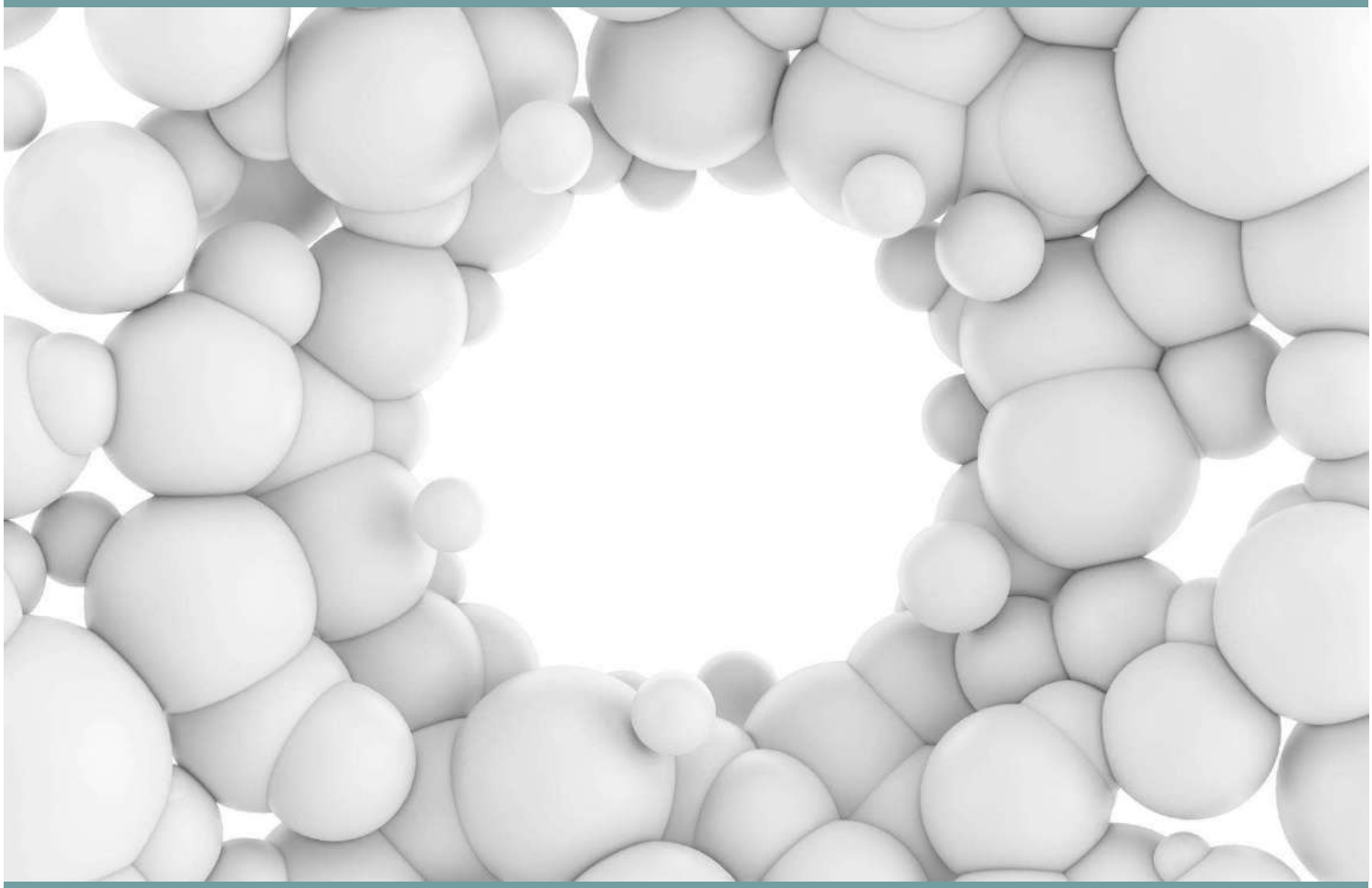
MODELING LIFE 2026

3D HUMAN-BASED TECHNOLOGIES IN MODERN BIOLOGY



18–19 FEBRUARY 2026

Aula "S. Sergi", Dip. Biologia e Biotecnologie "Charles Darwin"
Sapienza Università di Roma

Organized by
Drs. Giulia Matusali, Nadia Andrea Andreani, Martina Pasqua, Marco Straccia.

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EVENT PARTNERS & ORGANIZATIONS

MAIN ORGANIZERS
Scientific and Coordinating Committee

Dr. Giulia Matusali
Dr. Nadia Andrea Andreani
Dr. Martina Pasqua

Dip. Biologia e Biotecnologie "Charles Darwin"

Dr. Marco Straccia

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DAY 1 *Wednesday, 18 February 2026*

08:30 – 09:00 Arrival & Registration

09:00 – 09:15 **Welcome & Opening Remarks by the Organizing Committee,** La Sapienza Università di Roma

OPENING LECTURE



09:15-10:00

Dr. Milena Mennecozzi

Joint Research Centre (JRC), European Commission.

Developing standards for emerging human-based technologies – the role of the European Commission

SESSION 1 – NERVOUS SYSTEM MODELS



10:00-10:30

Prof. Alessandro Rosa

Dip. Biologia e Biotecnologie "C. Darwin", Sapienza Università di Roma, Rome, Italy.

Neuromuscular organoids for amyotrophic lateral sclerosis disease modeling

10:30 – 10:45 Coffee Break

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10:45 – 11:00 COMPANY SESSION
Dr. Silvia Scaglione – React4Life s.r.l.
Advancing Disease Modeling and Drug Discovery with 3D Cancer Models and Organ-on-Chip Technology
www.react4life.com

SESSION 2 – MODELING THE LUNG



11:00-11:30
Prof. Cecilia Ambrosi
Università San Raffaele IRCCS San Raffaele, Rome, Italy.
From bronchial ALI cultures to alveolar organoids: innovative platforms to study host-pathogen interactions and immunomodulatory strategies



11:30-12:00
Dr. Roberto Plebani
G. D'Annunzio Università di Chieti-Pescara, Chieti, Italy.
The Future of Preclinical Research: Organ-on-a-chip-Technology for Studying Airway Inflammation and Infection

SESSION 3 – MODELING THE BONE TISSUE



12:00-12:30
Dr. Mario Ledda
CNR – Consiglio Nazionale delle Ricerche, Rome, Italy.
Three-dimensional bone tissue models: advanced platforms for biomedical and translational research

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12:30-12:45 COMPANY SESSION

Dr. Marta Dossena – Biotechne srl

Cutting-Edge Solutions for 3D Cell Culture & Organoid Research

www.bio-techne.com

12:45 - 14:00 Lunch Break

Lunch will be provided for speakers only.
Additional attendees may use nearby dining options at their discretion.

SESSION 4 – THE GASTROINTESTINAL TRACT



14:00-14:30

Dr. Daniela Scribano

Dip. Sanità Pubblica e Malattie Infettive, La Sapienza Università di Roma, Rome, Italy.

Growing gastro-intestinal organoids: essential methodologies and applications



14:30-15:00

Dr. Francesco Boccellato

Ludwig Institute for Cancer Research, University of Oxford, Oxford, United Kingdom.

Mucosoid models to uncover epithelial homeostasis and host-pathogen interactions

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SESSION 5 – THE ENDOCRYNE SYSTEM



15:00-15:30
Prof. Michaela Luconi
Università di Firenze, Dept. of Experimental and Clinical Biomedical Sciences "Mario Serio", Florence, Italy.
TBD



15:30-16:00
Dr. Cinzia Rinaldo
CNR – Istituto di Biologia e Patologia Molecolari, Rome, Italy.
Lesson from in vivo preclinical models and organoids: unraveling pancreatic cancer biology



16:00-16:15 COMPANY SESSION
Dr. Gessica Marchini - **Chiesi Farmaceutici S.p.A.**
3D Human-based Technologies for modeling Lung disease
www.chiesi.com

16:15 - 17:00 **Open Discussion & Networking**

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ONLINE PROGRAM

ONLINE REGISTRATION

INSTITUTIONAL CONTACT E-MAIL



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