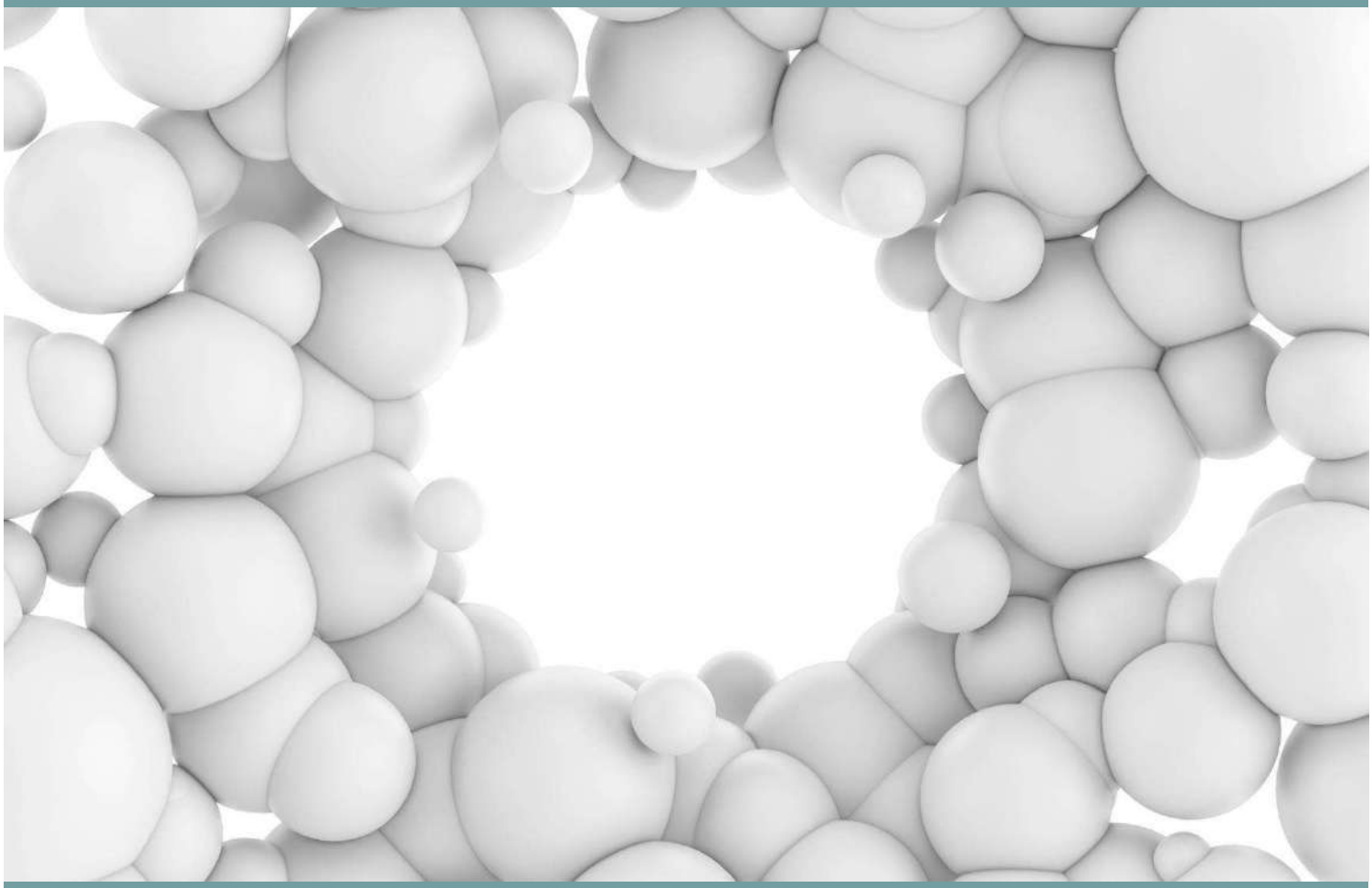
MODELING LIFE 2026

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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DAY 2 *Thursday, 19 February 2026*

08:30 – 09:00 Arrival & Coffee

SESSION 6 – REPRODUCTIVE SYSTEM MODELS



09:00-9:30
Prof. Nathalie Dejucq-Rainsford
INSERM Unité 1085, Université Rennes 1, Rennes, France
Male genital tract models for toxicology and virology studies



09:30-10:00
Dr. Giulia Matusali
Dip. Biologia e Biotecnologie "C. Darwin", Sapienza Università di Roma, Rome, Italy.
Modelling the complex interaction of emerging pathogens with the female genital tract



10:00 – 11:15 COMPANY SESSION
Dr. Giuseppe Falvo D'Urso Labate – Cellex srl
Biomimetic Three-Dimensional Cultures: Integrating Fluid Dynamics, Scaffolds, and Cellular Response in a Novel Bioreactor System
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SESSION 7 – THE IMMUNE SYSTEM



10:15-10:45

Prof. Cinzia Fionda

Dip. Medicina Molecolare, Sapienza Università di Roma. Rome, Italy.

An organoid based model to study immune response in colorectal cancer



10:45-11:15

Dr. Marilena Paola Etna

Istituto Superiore di Sanità, Roma, Rome, Italy.

Modeling vaccine response with immune-relevant in vitro models

11:15 - 11:45 Coffee Break

SESSION 8 – DATA-DRIVEN INNOVATION



11:45-12:15

Dr. Marco Straccia

FRESCI by Science&Strategy, Barcelona, Spain.

BimmoH.eu - The largest AI-powered database for human-based models in biomedical research by the European Commission

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CLOSING LECTURE



12:15-13:00

Prof. Thomas Hartung

CAAT, Johns Hopkins Bloomberg School of Public Health, Baltimore, USA.

The use of brain organoids in life sciences

13:00 - 13:30 **Closing Remarks & Final Discussion – Organizing Committee & Invited Speakers**

AFTERNOON STUDENT WORKSHOP



15:00-16:30

Dr. Marco Straccia

FRESCI by Science&Strategy, Barcelona, Spain.

The Right Model for the Right Question: Research Strategy for PhDs to Maximize Translational Value

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ONLINE PROGRAM

ONLINE REGISTRATION

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