

PROGRAMME

1st International Conference of the Portuguese Association for Cellular Agriculture

7-8 SEPTEMBER 2023

Braga - Portugal

INL - International Iberian Nanotechnology Laboratory



CellAgri
Portugal



CellAgri Portugal



cellagri.pt

DAY 1

13h00 - 14h00 • Check-in/Registration

14h00 - 14h20 • Welcome Session

- :: *Lorenzo Pastrana*, Group Leader of Food Processing and Nutrition Group and Chair of the Research Office at the INL
- :: *Carlos Rodrigues*, Conference Chair, Executive Director of CellAgri Portugal and Researcher at iBB-IST
- :: *Ricardo Rio*, Mayor of Braga
- :: *Gonçalo Rodrigues*, Secretary of State for Agriculture

14h20 - 15h20 • Roundtable 1: *Fostering Cellular Agriculture in Portugal*

- :: *Simão Soares*, President of P-Bio and CEO of Silicolife
- :: *Deolinda Silva*, Executive Director of PortugalFoods
- :: *Maria João Maia*, Co-founder and CEO of Corium Biotech
- :: *Vitor Verdelho*, Co-founder of CellAgri Portugal and Cell4Food
- :: *José Teixeira*, Professor in Biotechnology at Univ. of Minho and Vice President of the Portuguese Society of Biotechnology
- :: *Paulo Gaspar*, Vice President of Lusiaves
- :: *Helena Maio*, Advisor to the Board and Director of New Business at Portugal Ventures
- :: *Diana Oliveira*, Head of R&D and Co-founder of PFX Biotech

15h20 - 16h00 • Keynote Speaker

- :: *Mark Post*, Professor at Maastricht University, CSO of Mosa Meat and Qorium (NL)

16h00 - 16h50 • Oral presentations - Session 1

- :: *Frederico Ferreira*, iBB-IST (PT) • *Manufacturing cultured fish fillet: exploring 3D bioprinting, electrospun fibers and electrical stimuli*
- :: *Joana Rosa*, S2AQUA Colab (PT) • *Microalgae, the green revolution applied to cell-based food production*
- :: *Ana Silva Almeida*, Roslin Technologies (UK) • *Ovine stem cells for cultivated lamb production: the potential of induced pluripotent stem cells and embryonic stem cells*

16h50 - 17h30 • Coffee break and posters

17h30 - 18h10 • Keynote Speaker

- :: *Andrew Stout*, Entrepreneur in Residence at Tufts University (USA) • *"Growth media for cultured meat: New solutions to old challenges"*



18h10 – 19h00 • Oral presentations – Session 2

- :: Rene Wijffels, Wageningen University (NL) • *Cellular Agriculture in the Netherlands*
- :: João Garcia, European Space Agency (NL) • *MEAT4SPACE - Cultured meat for human space exploration missions*
- :: Hélder Tavares, iBB-IST (PT) • *Enhancing Bovine Mesenchymal Stromal Cell Proliferation: Investigating Culture Media Supplementation with Growth Factors”*

19h00 – 19h40 • INL tour 1

19h40 – 22h00 • Cocktail / Posters / Dinner

DAY 2

9h00 – 9h40 • Keynote Speaker

- :: Isha Datar, Executive Director of New Harvest (USA) • *Mission Cell Ag: A Call to Action for Collective Progress*

9h40 – 10h30 • Oral presentations - Session 3

- :: Hélder Cruz, Good Dog Food (UK) • *The quest to achieve price parity in cultivated meat: how pet food can lead the way”*
- :: Rodrigo Morais-da-Silva, Federal University of Paraná (BR) • *The potential relevance of associations for the progress of cellular agriculture: the case of Cell Agri Brazil*
- :: Will Milligan, Extracellular (UK) • *Developing low-cost, license-free cell banks for cultivated meat research*

10h30 – 11h00 • Coffee break

11h00 – 12h10 • Roundtable 2: Challenges and Opportunities in Cellular Agriculture

Opening Talk :: Manuel Heitor, Professor at IST (PT), *“Science and Food for All: Europe and the Global South in times of increasing uncertainty and population growth*

- :: Dwayne Holmes, Director of Responsible Research & Innovation at New Harvest
- :: Seth Roberts, Policy Manager at the Good Food Institute
- :: Panos Kostopoulos, Co-Founder & CEO at Proxy Foods, Co-founder and Director of Cellular Agriculture Greece
- :: Hélder Cruz, CSO of Good Dog Food
- :: Ira van Eelen, CEO of KindEarth.Tech, Co-founder of RESPECTfarms and board member of Cellulaire Agricultuur Nederland
- :: Rui-Paulo Cunha, Manager Food Science & Application at Meatable
- :: Bibiana Matte, Co-founder and CSO of cellva Founder & Scientific Director at Nucleo Vitro

12h10 – 13h10 • Corporate Session 1

- :: Vitor Verdelho, Cell4Food (PT)
- :: Maria João Maia, Corium Biotech (PT)
- :: Ricardo Gouveia, 3D BioTissues (UK)
- :: Diana Oliveira, PFX Biotech (PT)
- :: Anouk Verber, Sparkfood (PT)
- :: Bibiana Matte, cellva (BR)

13h10 – 14h30 • Lunch and posters

14h30 – 15h10 • Keynote Speaker 4

:: Vitor E. Santo, Senior Director of Cellular Agriculture at GOOD Meat (USA) • *Commercialization of cultivated meat: milestones, prospects and learnings from the GOOD Meat journey*

15h10 – 16h15 • Oral Presentations - Session 4

:: Sara Oliveira, INL (PT) • *Cell-based Food Personalization with 3D food printing and bioprinting*

:: Diana Marques, iBB-IST (PT) • *Electrical Stimulation in cultured meat: a strategy to enhance myogenesis*

:: Lucília Domingues • University of Minho (PT) • *Precision Fermentation for Resveratrol Production from winery by-products*

:: Pedro Brandão, iBET (PT) • *Monitoring productivity and predicting crash of phaeodactylum tricornutum cultures using spectroscopy and machine learning*

16h15 – 16h50 • Coffee break and posters

16h50 – 17h50 • Corporate Session 2

:: Monika Tomecka, uFraction8 (UK)

:: Nico Kist, FoldChanges (NL)

:: Fabio Beninati, Amadori (IT)

:: Miguel Jordão, Newland Syndicate (UK)

:: tbc, SGS (PT)

:: tbc, Hanna Instruments (PT)

17h50 – 18h40 • Oral Presentations - Session 5

:: Carla Molento, Federal University Paraná (BR): *“NAPI Alternative Proteins project in the State of Paraná, Brazil”*

:: Teresa Serra, iBET (PT): *“Bioengineering approaches for the development of cultured meat”*

:: José Espirito Santo, Cell4Food (PT): *“Cellular agriculture: market perspectives”*

18h40 – 19h00 • Closing Session and Awards

:: Joaquim Cabral, President of CellAgri Portugal and Full Professor at iBB-IST

:: Carlos Rodrigues, Executive Director of CellAgri Portugal and Researcher at iBB-IST

:: Sara Oliveira, Executive Committee member of CellAgri Portugal and Staff Researcher at INL

19h00 – 19h40 • INL tour 2

