

SYNCELL2019: Defining the challenges
16-17 October 2019, CSIC Headquarters, Madrid



www.syntheticcell.eu

PROGRAMME

Wednesday 16 October

10.00 - 12.00 Arrival and registration

12.00 - 12:45 Buffet lunch

12.45 - 13.00 Welcome address by Prof. Elena Dominguez, CSIC Vice-President of International Affairs

13:00 - 14:30 PLENARY SESSION: THE VISION

13:00 - 14:00 "Visionary" Presentation: Science & Technology

- **"Our vision: the EU Synthetic Cell Initiative - Explanation of meeting goals" - Marileen Dogterom**
- **"Synthetic Cell Science" - Petra Schwille**
- **"Synthetic Cell Technology" - Manuel Thery**

14:00 - 14:30 "Visionary" Presentation 2: Industry

"A Tale of Disruption, Re-invention and Atoms" - Paul Clarke, Ocado Technology

14:30 – 15:00 Coffee break

15:00 – 17:00 PARALLEL SESSIONS: THE CHALLENGES

15:00 - 15:15 5-minutes introductions on the Working Groups by the session chairs

15:15 - 17:00

- Working Group: Science vision
- Working Group: Technology potential
- Working Group: Technology transfer

17:00– 17:30 Break

17:30 – 19:00 PLENARY SESSION

17:30 - 18:00 Worldwide Perspectives on SynCell part 1: Japan

"Revolutionizing the discovery processes of de novo bioactive peptides and neobiologics" - Hiroaki Suga, The University of Tokyo

18:00 - 19:00 Discussion on WG results: defining a common paradigm for science and industry.

19:00 Closing of day

19:30 Dinner

Thursday 17 October

09:00 – 10:00 PLENARY SESSION : THE VISION

09:00 – 09:30 "Visionary" Presentation 3: SynCell and Society (RRI, Communication, Education)

"Cell-free, Yes; Society-free, No" – Richard A. Jonhson, Global Helix LLC / OECD BIAC Technology Committee

09:30 – 10:00 Presentation by EU representative about Horizon Europe - **Carmen de Vicente Coll, Directorate-General for Research & Innovation, European Commission**

10:00 – 12:00 PARALLEL SESSIONS: THE CHALLENGES

10:00 – 10:10 5-minutes introductions on the Working Groups by the session chairs

10:10 – 12:00

- Working Group: RRI for scientists and companies
- Working Group: Communication, Outreach and Education

12:00 – 13:30 Buffet lunch

13:30 – 16:30 PLENARY SESSION

13:30 - 14.30 Plenary Discussion on WG results: defining a strategy for RRI & outreach

14:30 - 15.00 Closing "Visionary " keynote

"Planets and other habitats for molecules and life" - Barbara Ercolano, Ludwig-Maximilians-Universität

15:00 – 15.30 Worldwide Perspectives on SynCell part 2: USA

"International community of Build-a-Cell, and activities in the United States" - Kate Adamala, University of Minnesota

15.30 - 16:30 Wrap up, general conclusions and prospects.

16:30 Close