



Confocal laser scanning microscopy (CLSM) image that shows the staining of actin microfilament (green) and nuclei (blue) of the cells after 3 days of culturing on hybrid scaffold. © Seung Hun (Sean) Lee

ETH Zurich ALIVE Initiative

# ALIVE Symposium 2024

12-13 September 2024 | ETH Zentrum, HG E 3

## Programme

### Thursday, 12 September 2024

- 08.00**            **Registration & Coffee** (HG Foyer E&D Nord)
- 09.00**            **Welcome & Introduction ALIVE**
- 09.15**            **Lyesse Laloui, EPF Lausanne: *Tailor-made Soil Properties by Bio-Geo-Chemical Means***
- 10.15**            **Coffee Break**
- 10.45**            **Holger Class, University of Stuttgart: *Challenges of Biomineralization in Porous Media from a Modeller's Perspective***
- 11.45**            **Lunch Break** (Catering)
- 13.00**            **Ellen Roche, MIT: *Recapitulating Cardiac Biomechanics with Hybrid Hearts***
- 14.00**            **Kit Parker, Harvard University: *Building Muscular Pumps: How Nature Does It, How We Do It***
- 15.00**            **Poster Pitches**
- 15.30**            **Poster Session and Networking Reception** (HG Foyer D Nord)
- 17.15**            **End of Symposium Day 1**

*(By Invitation Only)*

- Evening**            **Dinner for Keynote Speakers and ALIVE PI's**
- Evening Activity Other ALIVE Members/Partners (Self-organised)**



Confocal laser scanning microscopy (CLSM) image that shows the staining of actin microfilament (green) and nuclei (blue) of the cells after 3 days of culturing on hybrid scaffold. © Seung Hun (Sean) Lee

ETH Zurich ALIVE Initiative

# ALIVE Symposium 2024

12-13 September 2024 | ETH Zentrum, HG E 3

## Programme

### Friday, 13 September 2024

- 09.00**      **Aurélie Carlier, Maastricht University: *Computational Modeling of Cell-Cell and Cell-Matrix Interactions***
- 10.00**      **Coffee Break**
- 10.30**      **Matthias Lütolf, EPF Lausanne: *Engineering Organoids***
- 11.30**      **Adam W. Feinberg, Carnegie Mellon University: *Engineering Large, Vascularized and Functional Human Tissue***
  
- 12.30**      **Closing Remarks and End of Public Part of the Symposium**
  
- 12.35**      **Lunch Break (Catering)**
  
- (ALIVE Members/Partners Only)*
- 13.30**      **ALIVE Streams Workshops (Seminar Rooms)**
- 15.30**      **Coffee Break**
- 16.00**      **Plenary Discussion**
  
- 17.00**      **Closing Remarks and End of ALIVE Symposium**