

- We invite you to a platform demonstration and discussion on how simulated microgravity can enhance your research. Discover opportunities for collaboration with the European Space Agency and emerging private space industry partners.
- Simulated microgravity (sMG) has become a powerful Earth-based approach to studying the effects of microgravity (weightlessness) on living systems - bypassing the constraints of spaceflight while unlocking new scientific and translational possibilities.
- From stem cells to cancer models, sMG research is reshaping our understanding of cell morphology, migration, proliferation, and differentiation. In addition, precisely controlling mechanobiological stresses in microorganisms also shown the tool's usefulness to activate silent metabolic pathways and potentially upregulate efficiency of biomanufacturing systems.
- The PIROUETTE 3D simulated microgravity platform will be showcased, along example case studies from Boston University and the University of Pavia. The session will be led by Patrik Hollos, CEO and Founder of Litegrav (<https://www.litegrav.ai/>).



**Register here and save the date:**

**15<sup>th</sup> of June 2026 15:00**

**BioCity, Turku, 7<sup>th</sup> floor  
large seminar room**

**[https://luma.com/  
nc4h2nro](https://luma.com/nc4h2nro)**