

Publications

- Sentjabrskaja, T., Babaliari, E., Hendricks, J., Laurati, M., Petekidis, G., & Egelhaaf, S. U. (2013). Yielding of binary colloidal glasses. *Soft Matter*, 9(17), 4524-4533.
- Babaliari, E., Kavatzikidou, P., Angelaki, D., Chaniotaki, L., Manousaki, A., Siakouli-Galanopoulou, A., Ranella, A., & Stratakis, E. (2018). Engineering Cell Adhesion and Orientation via Ultrafast Laser Fabricated Microstructured Substrates. *International journal of molecular sciences*, 19(7), 2053.
- Babaliari, E., Petekidis, G., & Chatzinikolaidou, M. (2018). A Precisely Flow-Controlled Microfluidic System for Enhanced Pre-Osteoblastic Cell Response for Bone Tissue Engineering. *Bioengineering*, 5(3), 66.
- Babaliari, E., Kavatzikidou, P., Mitraki, A., Papaharilaou, Y., Ranella, A., & Stratakis, E. (2021). Combined effect of shear stress and laser-patterned topography on Schwann cell outgrowth: synergistic or antagonistic?. *Biomaterials Science*, 9(4), 1334-1344.
This article is part of the themed collection: Editor's Choice: Microfluidics
- Manganas, P., Kavatzikidou, P., Kordas, A., Babaliari, E., Stratakis, E., & Ranella, A. (2022). The role of mechanobiology on the Schwann cell response: A tissue engineering perspective. *Frontiers in Cellular Neuroscience*, 16.
- Babaliari, E., Ranella, A., & Stratakis, E. (2023). Microfluidic Systems for Neural Cell Studies. *Bioengineering*, 10(8), 902.

Conference Proceedings

- Babaliari, E., Chatzinikolaidou, M., & Petekidis, G. (2015, September). Dynamic Culture in a Microfluidic Chamber Enhances Proliferation and Osteogenic Response Of Pre-osteoblastic Cells. In *TISSUE ENGINEERING PART A* (Vol. 21, pp. S151-S152).