



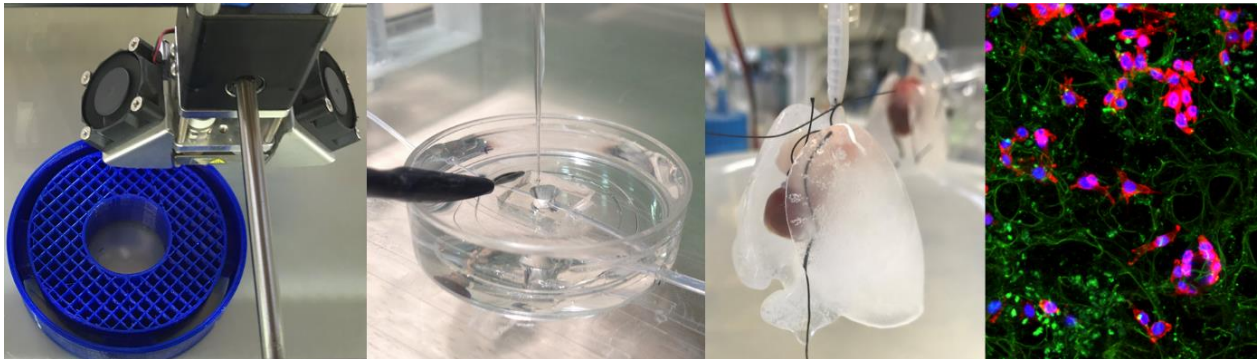
UNIVERSITAT DE
BARCELONA

Cell Biomechanics and Mechanobiology



Predoc Position in Regenerative Medicine Mechanobiology

A 3-year predoctoral fellowship is available (project funded by the Ministry of Science and Innovation) for an enthusiastic student to work in the area of regenerative medicine mechanobiology for respiratory diseases. We offer outstanding research and training opportunities with access to state-of-the-art biophysical and tissue engineering techniques. The student will carry out a multi-disciplinary project aiming to understand how the biophysical microenvironment including the extracellular matrix and mechanical cues of the lung can contribute to stem cell differentiation and enhance their therapeutic potential and tissue regeneration. Our lab is at the Unit of Biophysics and Bioengineering in the Department of Biomedical Sciences at the School of Medicine and Health Sciences of the University of Barcelona.



We are looking for excellent candidates with an interest in multidisciplinary science. The applicant will use advanced biophysical techniques (atomic force microscopy, lab on a chip, 3D bioprinter, tissue engineering) for regenerative medicine in respiratory diseases (cellular and animal disease models). The applicants should have or finishing this academic year a M.Sc. degree in Engineering, Physics or Life Sciences or related fields. Interested candidates should send a motivation letter and a full CV to: isaac.almendros@ub.edu at his/her earliest convenience before July 20th.

Almendros' Lab – Cell Biomechanics and Mechanobiology

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More info: Cell Biomechanics and Mechanobiology group [website](#)

Bibliography:



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