

Clinical and Translational Science Seminar Series

Online seminar: “Bioengineering vascularized micro-tissues”

Speaker: Prof. Dr. Cristina Barrias

i3S – Institute for Research and Innovation in Health
Instituto de Engenharia Biomédica, Porto. Portugal

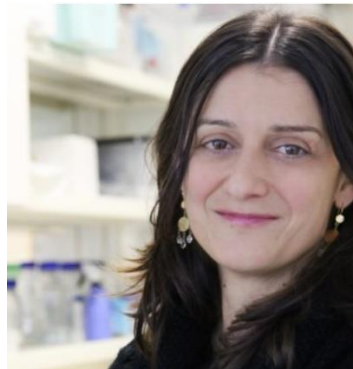
20 de octubre 2022, 15:30 horas

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Cristina Barrias graduated, got her PhD in Engineering Sciences in the field of Biomaterials & Regenerative Medicine. She is Principal Investigator at i3S/INEB (Instituto de Investigação e Inovação em Saúde/INEB, UP), and also Invited Associate Professor at Instituto de Ciências Biomédicas Abel Salazar (ICBAS, UP) and at FEUP. She is the coordinator of the Bioengineered 3D Microenvironments Group at i3S/INEB, and her work has been mainly focused on the development of molecularly-designed hydrogels that mimic the natural extracellular matrix, to be used as advanced 3D-models for in vitro cell culture or as injectable vehicles for cell transplantation therapies. Her main goals are to develop RNA and DNA-based therapeutic strategies to specifically correct genes involved in skin rare diseases. She established and further developed the RNA trans-splicing technology, SMaRT, at her institute. Besides the restoration of gene function in genodermatosis at RNA level, her group is also working with “state-of-the-art” protocols to induce a permanent repair of disease-associated mutations.

Moderator: Pedro Baptista, Instituto de Investigación Sanitaria de Aragón, Zaragoza

Contact: Ana Reviriego (Ana.reviriego@uc3m.es) y Raquel Largo (RLargo@fjd.es)

Note: Free seminar. Certificates of attendance are available by registering in advance sending an email to Ana Reviriego.