UCLA Engineering
HENRY SAMUELI SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Department of Bioengineering

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Postdoctoral Position in Cancer Tissue Engineering

Job Description: A post-doctoral position in the laboratory of Stephanie Seidlits in the Department of Bioengineering at UCLA is available (start date January 2020). We are seeking candidates for a multidisciplinary project developing tissue-engineered models of glioblastoma tumors as platforms for personalized medicine that can predict patient outcomes within a clinically actionable time frame. The project will use biomaterial cultures and murine xenografts to characterize the contributions of cell-matrix interactions to treatment resistance using techniques including RNA sequencing, flow cytometry, bioluminescence imaging and protein phosphorylation assays. Please see our lab website (http://seidlitslab.seas.ucla.edu/) and recent publications in this area (PMID 31028838, PMID: 29282221, PMID: 30199037) for more information. The Seidlits lab is a highly collaborative environment. The position will involve working with other researchers in the lab (e.g., graduate students) and collaborators at the David Geffen School of Medicine at UCLA. Specific responsibilities will include planning, execution and analysis of research studies, preparation of data for papers and grants, and writing papers for publication.

Self-motivated candidates who hold a PhD or equivalent degree in an appropriate area are welcome to apply. Candidates must have experience in mammalian cell culture. Experience in cancer biology, neuroscience, analysis of RNA sequencing data, biomaterials, tumor xenografts and/or computational biology is desired. Salary and benefits (including health insurance) will be provided according to UCLA policies (https://grad.ucla.edu/funding/working-at-ucla/postdocs/appointment-types-criteria/).

How to Apply: Applicants may email their CV (including primary interests, research experience, and technical expertise) and contact information for three references to Prof. Stephanie Seidlits (seidlits@g.ucla.edu).

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