

Position: Postdoctoral Research Associate

Start Date: July 1, 2014 preferred, but not required.

The Department of Biomedical Engineering at Washington University invites applications for one or more positions as a Postdoctoral Scholar in the areas of *tissue engineering and microphysiological systems*. Areas of expertise that are of interest include toxicology, stem cell biology, tumor microenvironment, cardiomyocyte biology, and microfabrication. The projects are funded by two grants from the National Institutes of Health focused on the creation of microphysiological model systems of the microcirculation, cardiac muscle, and tumor using induced pluripotent stem cells for drug discovery and fundamental understanding of tumor metastasis and cardiomyocyte function. The initial appointment will be full-time, for a 12-month period. Renewal of the contract will be contingent upon the availability of adequate funding and performance.

Requirements: A strong research background in tissue engineering, angiogenesis, endothelial cell biology, stem cell biology, cardiomyocyte biology, tumor biology, microfabrication, toxicology, or transport phenomena is required. The position requires a Ph.D. in biology, engineering, or a related field, as well as excellent communication and writing skills.

Application Procedure: Applicants should send a cover letter, curriculum vitae and name/addresses of at least two references electronically *as a single pdf file* to scg@seas.wustl.edu. The cover letter can be addressed to:

Steven C. George, M.D., Ph.D.
Department Chair-Designate
Elvera and William Stuckenberg Professor
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