October 10, 2018

Dr. Ronald Myers

Editorial Office

JoVE

Dear Dr. Myers,

Following your invitation, we are pleased to submit the attached the manuscript "Convenient method to build a 3D culture device for studying cellular sensing to chemoattractant gradient" for your consideration. This manuscript describes in detail the method to build an in-vitro platform for incorporating cells into a controlled 3D environment permitting introduction of spatially graded and dynamically controlled gradients of chemoattractants and growth factors. This method will be helpful to anyone interested in studying cellular behavior in 3D, with a great potential to be used for various investigations of single cells and small tissue-like samples in complex biomimetic environments. My co-authors and I look forward to assisting you during the review process, and to sharing this protocol with the readers of the JoVE. Should you have any questions, please let me know. I look forward to hearing from you.

Thank you very much for considering our paper.

Yours (on behalf of all authors),

Andre Levchenko



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