



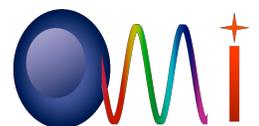
Job Description

Dr. Jan Grimm's [Oncologic Molecular Imaging Lab](#) is housed in the Department of Molecular Pharmacology and affiliated with the Department of Radiology at Memorial Sloan Kettering Cancer Center. **We are seeking talented and motivated postdoctoral researchers.** The candidate will have the opportunity to train in a stimulating and multi-disciplinary, diverse environment employing synthetic chemistry and radiochemistry, molecular imaging, nanotechnology, biology, and cutting-edge imaging techniques aiming to translate novel imaging approaches into the clinic.

Candidates for this position have recently obtained their PhD and have gained knowledge or interest in developing new *in vitro* tissue culture methods. Established two-dimensional tissue culture systems are severely lacking in modeling the biological milieu in which mammalian cells natively exist. We are seeking to explore a microfluidic chip system as an *in vitro* three-dimensional tissue culture system. Such a system would allow better recapitulation of natural tissue structures *ex vivo*. We are interested in many different applications for this system, such as modeling of neovascularization, tumor proliferation, immune cell infiltration, enhanced permeation and retention of nanoparticles, and other interesting projects. This research is highly interdisciplinary, and ideal candidates should have research background in organoid models and microfluidics, in addition to knowledge of at least some of the following areas: cancer biology, vascular biology, tumor microenvironment and immunology. Candidates should ideally be familiar with *in vitro* tissue culture techniques and confocal or epifluorescence microscopy, and should also share a passion for scientific research.

As a postdoc in the lab, all hires will be expected to:

- work independently and in collaboration with other members of the lab
- design and conduct bench experiments and animal research experiments
- analyze data and draw logical conclusions
- compose research manuscripts and reviews for publication
- assist the PI with grant and funding proposal preparation



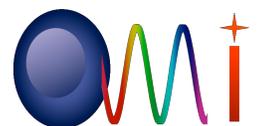


Memorial Sloan Kettering
Cancer Center

Interested applicants should send a single page statement of scientific interests and a rationale addressing why they consider themselves suitable for the position, a curriculum vitae, and contact information for three references to:

Jan Grimm, MD PhD

grimmj@mskcc.org





Memorial Sloan Kettering
Cancer Center

About the Company

Memorial Sloan Kettering (MSK) is not only changing the way to treat cancer, but also the way the world thinks about cancer. By working together and pushing forward with innovation and discovery, we are driving excellence and improving outcomes. We are treating cancer, one patient at a time. Join us and make a difference every day.



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