

Open Postdoctoral Scholar Position: The Doyle Lab in Chemical Engineering @ MIT

“Microengineered Technologies to Spatially Profile microRNA in Tissue Sections”

Applications are invited for a Postdoctoral Scholar position in the Doyle Lab at MIT in the Chemical Engineering Department. The scholar will lead research efforts on a funded NIH R01 grant at MIT. The overarching goal of this project is to design, optimize, & apply a new microfabricated tool for spatially-resolved measurements of miRNA in tissue samples. The work will be performed at MIT and the project involves close collaboration with the group of Dr. Frank Slack (Department of Pathology, and Director of the Institute for RNA Medicine, BIDMC in Boston).

Candidates should have experience in one or more of the following areas: bioassays, microfluidic design & fabrication, soft materials design & hydrogels, quantitative imaging, and data processing. Required skills include: strong background in the quantitative sciences or chemical/bio/mechanical engineering, and strong communication skills.

Applicants must have a demonstrated record of impactful scientific contributions and a capacity to communicate effectively with experts from a range of disciplines (including clinicians). Interviews are underway now, with the position to be filled immediately (pending graduation/career plans of successful applicant).

To apply: please email (i) your cover letter & CV and (ii) the names and contact information for 3 references to Prof. Patrick Doyle (pdoyle@mit.edu) “microRNA Postdoc Application” in the subject line. See also: doylegroup@mit.edu. MIT is an equal opportunity employer.
