Postdoctoral Fellowship in Molecular Genetics of Endometrial Cancer

A postdoctoral training position is available in the laboratory of Diego H. Castrillon, M.D., Ph.D., in the Department of Pathology/Simmons Comprehensive Cancer Center at UT Southwestern Medical Center to study endometrial cancer (the most common gynecologic malignancy in the Western world) at the interface of genetics and pathobiology. Our laboratory has several exciting projects related to polymerase-mediated ultramutation and other novel cancer-driving pathways. We incorporate molecular profiling (next-gen DNA/RNA sequencing), CRISPR, mechanistic studies using human cancer cell lines and organoids, genetically-engineered mouse models, and analyses of human-derived tumor samples to gain insights into the remarkably diverse mechanisms that drive endometrial cancer initiation and progression.

Key Publications from our Lab:


4) FOXA2 suppresses endometrial carcinogenesis and epithelial-mesenchymal transition through its actions as chromatin remodeler. Sahoo S, et al. Journal of Clinical Investigation, in press.

Candidates must hold a Ph.D. and/or M.D. degree. Experience in cellular and molecular biology, genetics, animal models, tissue culture, and microscopy, with an interest in translational research leading to first author publications in peer-reviewed journals is recommended. The successful applicant is expected to develop and lead an independent research project within the broad themes of the laboratory.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at http://www.utsouthwestern.edu/postdocs.

Interested individuals should send a CV, statement of interests, and a list of three references to:

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The Castrillon Lab
Diego Castrillon, M.D., Ph.D. - Faculty Profile - UT Southwestern

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