

Molecular Mechanisms of Metastasis, Therapy Resistance, and Tumor Evolution in Pancreatic Cancer

A postdoctoral training position is available in the laboratory of [Ravikanth Maddipati, M.D.](#), in the Department of Internal Medicine, the Division of Digestive and Liver Diseases, and the Children's Research Institute at UT Southwestern Medical Center to study the mechanisms regulating metastasis, tumor evolution, and therapy resistance in pancreatic cancer. Our [laboratory](#) integrates novel murine models and human biospecimens with multi-omics approaches to understand how heterogeneity in the genomic, metabolomic, and immunological make-up of pancreatic tumors drives tumor progression with a focus on translating these findings to novel therapies in patients. We have several exciting projects related to

1. Modulating the tumor immune microenvironment to target metastasis and improve response to immunotherapy
2. Elucidating and targeting the mechanisms driving organotropism and therapy response in metastasis
3. Understanding how the cell of origin drives pre-neoplasia formation and tumor evolution.

Candidates must hold a Ph.D. and/or M.D. degree. Experience in cell and molecular biology, tumor biology, genetics, microscopy, immunology, and/or computational biology leading to publication(s) in peer-reviewed journals is recommended. The successful applicant is expected to develop and lead an independent research project within the broad scope 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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[Ravikanth Maddipati, M.D. - Faculty Profile - UT Southwestern](#)

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