Machine learning- Tissue Morphology/ Postdoctoral Researcher]

A postdoctoral training position is available in the laboratory of *Satwik Rajaram,* in the Lyda Hill Department of Bioinformatics at UT Southwestern Medical Center to study the use of biology-guided machine learning analyses to unravel the information in tissue morphology in two broad areas. First, in the context of kidney cancer, the Rajaram Lab connects tumor architecture to underlying molecular state, drug response and tumor evolution. Second, in the context of neurodegenerative tauopathies, the lab uses morphology and spatial distribution of protein aggregates to better stratify diseases and reconcile their classical neuropathology definitions with the emerging understanding based on protein conformations. Our laboratory the Rajaram lab has several exciting projects related to Kidney Cancer. Neurodegeneration, and Deep learning for Histopathology.

Candidates must hold a recent Ph.D. and/or M.D. degree. Experience in Machine Learning in the biological world leading to publication in peer-reviewed journals is recommended.

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:

Sena Mevo, Project Specialist, Lyda Hill Department
of Bioinformatics
UT Southwestern Medical Center
5323 Harry Hines Blvd.
Dallas, TX 75390-9365
sena.mevo@utsouthwestern.edu
Rajaram lab

Satwik Rajaram