Cancer Biology and Stem Cell Biology

Two postdoctoral research fellowship positions are immediately available in Dr. Le’s laboratory in the Department of Dermatology and Simmons Comprehensive Cancer Center at UT Southwestern Medical Center to study Cancer Biology and Stem Cell Biology.

Our lab investigates how genetic and microenvironmental factors interplay to regulate tumorigenesis. Our research focuses on identification of the cell origin and elucidating the roles of tumor microenvironment in cancer development. We dissect the cellular and molecular mechanisms of carcinogenesis from a developmental perspective using Neurofibromatosis Type 1 (NF1), a common tumor predisposition human genetic disorder, as a model. While working on neurofibromatosis, our research group serendipitously uncovered the identity of follicular epithelial cells that directly give rise to hair and mechanisms that cause hair to turn gray – findings that leads to our second focus to identify possible treatments for balding and hair graying associated with aging.

Our laboratory is a collaborative effort between the Department of Dermatology, the Cancer Center and Hamon Center for Regenerative Science and Medicine to offer an extraordinarily rich environment that encompasses both basic and translational research. Candidates must hold a Ph.D., M.D./Ph.D., or M.D. degree and should possess good communication skills.

Please see our recent publications at: Le Laboratory publications

Interested candidates should send an updated CV, with names and contact information for three professional references, to:

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