

# Paramita M. Ghosh, M.Sc., Ph.D.

<b>Clinical Interests</b>	My current research concentrates on the study of signal transduction pathways involved in prostate cancer development and progression. This includes studies on the EGFR family of receptor tyrosine kinases, leading to the PI3K/Akt pathway and finally to the mTOR signaling pathway. In particular, I investigate the interaction of these pathways with the androgen receptor. My research involves identification of significant therapeutic targets, as well as studying the effects of inhibitors of those targets both in vitro as well as in animal models. I am currently funded to study drug combinations that target parallel signaling pathways and in combination, appear to be highly effective in inhibiting the progression of prostate cancer.
<b>Title</b>	Associate Professor
<b>Specialty</b>	<a href="#">Cancer</a> , Urologic Oncology, <a href="#">Urology</a>
<b>Department</b>	<a href="#">Urology</a>
<b>Division</b>	Urology
<b>Center/Program Affiliation</b>	<a href="#">UC Davis Comprehensive Cancer Center</a>
<b>Languages</b>	Bengali
<b>Education</b>	M.Sc., Jadavpur University, Calcutta, 1989 Ph.D., Rensselaer Polytechnic Institute, Troy, New York, 1994 B.Sc., Jadavpur University, Calcutta, 1987
<b>Fellowships</b>	University of Texas Health Science Center, San Antonio, Texas, 1994-2000
<b>Professional Memberships</b>	American Association for Cancer Research American Association for the Advancement of Science American Urological Association The Society for Basic Urologic Research
<b>Select Recent Publications</b>	Savoy RM, Ghosh PM. Linking inflammation and neuroendocrine differentiation: the role of macrophage migration inhibitory factor-mediated signaling in prostate cancer. <i>Endocr Relat Cancer</i> . 2013 May 21;20(3):C1-4

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