

**Developmental Cancer Therapeutics and  
Drug Screening**

<b>Name/ Title</b>	<b>Email/Phone</b>	<b>Keywords</b>	<b>Department</b>
Program Co-Leader Stewart Loh, PhD Professor	<a href="mailto:lohs@upstate.edu">lohs@upstate.edu</a> 315-464-8731	p53 cancers; metallochaperone chemotherapeutics	Biochemistry & Molecular Biology
Program Co-Leader Juntao Luo, PhD Assistant Professor	<a href="mailto:luoj@upstate.edu">luoj@upstate.edu</a> 315-464-7965	Nanomedicine; drug/protein/gene delivery; cancer treatment	Pharmacology
Dimitra Bourboulia, PhD Assistant Professor	<a href="mailto:bourmpod@upstate.edu">bourmpod@upstate.edu</a> 315-464-8712	Regulation of extracellular proteolysis in cancer; targeting extracellular protein-protein interactions	Urology; Biochemistry and Molecular Biology
Michael Cosgrove, PhD Associate Professor	<a href="mailto:cosgrovm@upstate.edu">cosgrovm@upstate.edu</a> 315-464-7751	Structural biology of chromatin; epigenetics; MLL1 complex inhibitors	Biochemistry & Molecular Biology
Debashis Ghosh, PhD Professor	<a href="mailto:ghoshd@upstate.edu">ghoshd@upstate.edu</a> 315-464-9677	Structure/function of estrogen/androgen biosynthetic enzymes; aromatase inhibitors	Pharmacology
Ying Huang, MD, PhD Professor	<a href="mailto:huangy@upstate.edu">huangy@upstate.edu</a> 315-464-8009	Oncogenic signaling in cellular transformation and apoptosis; tumor suppressor genes	Pharmacology
Sandra Hudson, PhD Assistant Professor	<a href="mailto:hudsons@upstate.edu">hudsons@upstate.edu</a> 315-464-6843	Gene therapy tools to disrupt oncogene expression; radiosensitizing agents	Radiation Oncology
Patricia Kane, PhD Professor	<a href="mailto:kanepm@upstate.edu">kanepm@upstate.edu</a> 315-464-8742	Vacuolar ATPase assembly/regulation; cellular pH homeostasis; targeting V-ATPases in cancer	Biochemistry & Molecular Biology

William Kerr, PhD Professor	<a href="mailto:kerrw@upstate.edu">kerrw@upstate.edu</a> 315-464-5540	Transplant immunology; stem cell biology; SHIP1- modulating drugs	Microbiology & Immunology
Bruce Knutson, PhD Assistant Professor	<a href="mailto:knutsonb@upstate.edu">knutsonb@upstate.edu</a> 315-464-8709	RNA Pol I assembly/regulation in cancer; Pol I as a drug target	Biochemistry & Molecular Biology
Leszek Kotula, MD/PhD Associate Professor	<a href="mailto:kotulal@upstate.edu">kotulal@upstate.edu</a> 315-464-1690	Targeting Actin in tumors; Abi1/WAVE complex; c-Abl inhibitors	Urology; Biochemistry & Molecular Biology
Hong Lu, PhD Assistant Professor	<a href="mailto:luh@upstate.edu">luh@upstate.edu</a> 315-464-7978	Nuclear receptors and epigenetics in liver cancer; G-quadruplex drugs	Pharmacology
M. Golam Mohi, PhD Associate Professor	<a href="mailto:mohim@upstate.edu">mohim@upstate.edu</a> 315-464-9861	Stem cell biology; hematopoiesis; targeted therapies for myoproliferative neoplasms	Pharmacology
Mehdi Mollapour, PhD Assistant Professor	<a href="mailto:mollapom@upstate.edu">mollapom@upstate.edu</a> 315-464-8749	Kidney cancer; breast cancer; chaperones; Hsp90-targeted therapy; drug resistance	Urology; Biochemistry & Molecular Biology
M. Saeed Sheikh, MD, PhD Professor	<a href="mailto:sheikhm@upstate.edu">sheikhm@upstate.edu</a> 315-464-8015	Development of tumor markers and targets for cancer therapy; cell death/survival signaling; metabolic stresses	Pharmacology
Stephan Wilkens, PhD Associate Professor	<a href="mailto:wilkenss@upstate.edu">wilkenss@upstate.edu</a> 315-464-8703	Structure/mechanism of membrane-bound transport proteins; vacuolar ATPases and drug efflux pumps in cancer	Biochemistry & Molecular Biology
Richard Wojcikiewicz, PhD Professor	<a href="mailto:wojcikir@upstate.edu">wojcikir@upstate.edu</a> 315-464-7956	Intracellular signaling; IP3 receptors, Bcl-2 protein family members and ubiquitin-proteasome pathway regulation in cancer	Pharmacology

