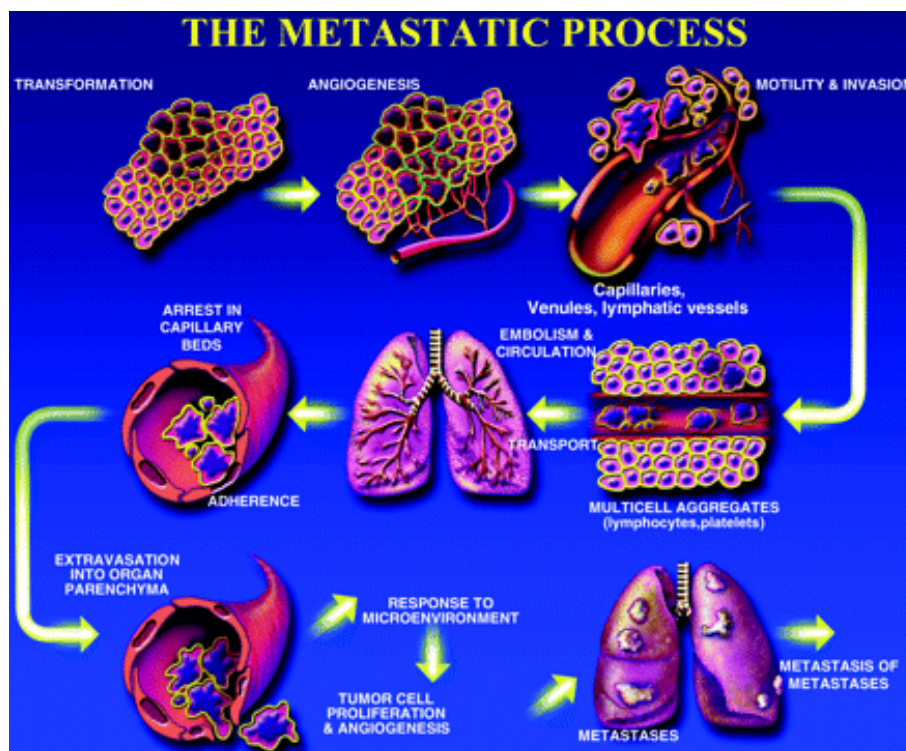


CANCER METASTASIS RESEARCH: FROM BENCH TO BEDSIDE

Program Director

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Overview

The University of Texas Graduate School of Biomedical Sciences (GSBS) Program, *Cancer Metastasis Research: From Bench to Bedside*, focuses on the critically important and emergent field of cancer metastasis research. Metastasis (spread of tumors to distant organs) is the principal cause of death in individuals afflicted with solid tumors. Despite a century of cancer research, most of which has focused on understanding how tumor cells arise and how to eradicate them, mortality rates for most cancers have changed very little, in major part because of lack of incomplete understanding of the metastatic process and lack of therapeutic regimens to treat metastatic disease. The Cancer Metastasis Program is the first of its kind in the world to approach metastasis as a unique multidisciplinary and interdisciplinary field of study, and to offer students access to basic, translational, and clinical research opportunities in metastasis.

This new Program (Gary E. Gallick, Ph.D., Program Director) is supported through a prestigious grant from the University of Texas System Graduate Program Initiative. This grant was one of only seven awarded in the entire UT System for innovative graduate programs. In recognition

of the importance of the field, the grant funds were matched through participation of the M.D. Anderson Koch Center, The M.D. Anderson Cancer Metastasis Center, the GSBS, and the M.D. Anderson Provost.

The program is designed to integrate traditional hypothesis-driven basic research conducted by doctoral students, but with an emphasis on the clinical and translational potential of a student's research. The program takes advantage of the outstanding basic science and clinical faculty and resources of the #1 cancer center in the world, The University of Texas M.D. Anderson Cancer Center. Students will complete their doctoral training through the aegis of the GSBS, but Cancer Metastasis Program students will also learn the impact of the disease from the operating rooms, the clinics, and in the laboratory. The goal of the Cancer Metastasis Program is to train the next generation of biomedical researchers who are able to pursue careers as independent scientists, but who bring with them a unique perspective of the translational and clinical aspects of cancer metastasis.

Program Faculty

The Program faculty members have been selected from the world-class faculty at the M.D. Anderson Cancer Center, represent multiple disciplines and a wealth of experience in this field of study, and bring considerable experience in educational activities.

Gary E. Gallick, Ph.D., Program Director	http://gsbs.uth.tmc.edu/tutorial/gallick.html
Menashe Bar-Eli, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/bar-eli.html
Douglas Boyd, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/boyd.html
Joya Chandra, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/chandra.html
Isaiah J. Fidler, D.V.M., Ph.D.	http://gsbs.uth.tmc.edu/tutorial/fidler.html
Jeffrey Gershenwald, M.D.	http://gsbs.uth.tmc.edu/tutorial/gershenwald.html
Khandan Keyomarsi, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/keyomarsi.html
Scott Kopetz, M.D.	--
Jian Kuang, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/kuang.html
Sue-Hwa Lin, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/lin.html
Craig Logsdon, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/logsdon.html
Joseph McCarty, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/mccarty.html
David McConkey, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/mcconkey.html
Jeffrey Myers, M.D., Ph.D.	http://gsbs.uth.tmc.edu/tutorial/myers.html
Janet Price, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/price.html
Anil Sood, M.D.	http://gsbs.uth.tmc.edu/tutorial/sood.html
Stephanie Watowich, Ph.D.	http://gsbs.uth.tmc.edu/tutorial/watowich.html

Curriculum

Students admitted to the doctoral degree program at the GSBS must adhere to the overall general policies of the GSBS, but may wish to add coursework and training unique to the metastasis program. The program will offer didactic training in metastasis through three new GSBS courses:

1. ***The Biology of Cancer Metastasis***: an overview of cancer metastasis as a unique field of study, taught by a team of world-class researchers and clinicians. Available Spring 2010.
2. ***Techniques in Cancer Metastasis Research***, a laboratory based course which covers some of the important techniques currently used in metastasis research.
3. ***Clinical Correlations in Cancer Metastasis***, a course which will expose students to the translational and clinical issues surrounding cancer metastasis research.

In addition, students wishing to conduct their doctoral research in cancer metastasis may choose to perform tutorial rotations in the laboratories of the Program Faculty.

Resources for Student Training

All students admitted to the GSBS Ph.D. program receive funding support which comprises an annual stipend of \$26,000 per annum, an outstanding benefits package, and paid tuition and fees (see http://gsbs.uth.tmc.edu/current_financial_info.htm#stipends). Students may be eligible to compete for internal GSBS and external scholarships/fellowships/awards (see http://gsbs.uth.tmc.edu/current_funding.htm). Those students who are awarded Isaiah J. Fidler Fellowships will also receive an additional \$3000 supplement. Programmatic and Institutional resources are also available for student travel to meetings.

For additional information, please contact:

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