

Robert H. Lurie Comprehensive Cancer
Center
Northwestern University
303 E. Chicago Avenue
Chicago, IL 60611

Postdoctoral applicants must be
US citizens or
permanent residents with no
more than three years of
postdoctoral experience.

Predocotrual applicants must apply to
IGP, IBiS or NUIN
graduate programs at:

<http://www.feinberg.northwestern.edu/igp/>
<http://www.biochem.northwestern.edu/ibis/>
<http://nuin.northwestern.edu/>

Applicants should send their
curriculum vitae, verification of
citizenship status, statement
of research interests, selection
of three potential mentors from
Program Faculty and one
letter of reference to:

Robin Leikin, Ph.D.
**Robert H. Lurie Comprehensive
Cancer Center**
Northwestern University
Olson 8350
303 E. Chicago Avenue
Chicago, IL 60611
rleikin@northwestern.edu
(312) 908-9229

*Northwestern University is an Equal
Opportunity Affirmative Action
Employer. Minorities are strongly
encouraged to apply.*

4/02/08

**TRAINING PROGRAM
in
ONCOGENESIS &
DEVELOPMENTAL
BIOLOGY**

funded by the
National Cancer Institute
National Institute of Health

OVERVIEW

The Training Program in Oncogenesis & Developmental Biology at the Robert H. Lurie Comprehensive Cancer Center of Northwestern University enables two pre-doctoral students and four postdoctoral fellows per year to receive state-of-the-art training focused on normal and neoplastic development and differentiation. Trainees will have the opportunity to investigate the role of developmentally regulated genes in the etiology of human cancer. In addition to laboratory training, trainees and preceptors engage in monthly meetings and a yearly translational research mini-symposium. The preceptors of this program are well established investigators with NIH funded research programs.

Program Director: Richard Carthew, Ph.D., Professor, Department of Biochemistry, Molecular Biology and Cell Biology, Northwestern University

Program Co-Director: Hiroaki Kiyokawa, M.D., Ph.D. Associate Professor, Department of Molecular Pharmacology & Biological Chemistry, Northwestern University Feinberg School of Medicine

Administrative Director: Robin Leikin, Ph.D., Research Assistant Professor, Robert H. Lurie Comprehensive Cancer Center

The Robert H. Lurie Comprehensive Cancer Center is an NCI-funded cancer center. The Cancer Center Director is Steven T. Rosen, M.D., F.A.C.P., Professor of Medicine.

PROGRAM FACULTY

Terrence Barrett, M.D.

Associate Professor
Department of Medicine
Signaling pathways in gastrointestinal cancer

Richard Carthew, Ph.D.

Professor
Dept. of Biochemistry, Molecular Biology & Cell Biology
Gene regulation by RNAi

John Crispino, Ph.D.

Associate Professor
Department of Medicine
Normal and malignant blood cell development

Charles Clevenger, M.D., Ph.D.

Professor
Department of Pathology
Prolactin receptor and breast cancer

Elizabeth Eklund, M.D.

Professor
Department of Medicine
Molecular mechanisms of hematopoiesis

Robert Goldman, Ph.D.

Professor
Dept of Cell and Molecular Biology
Intermediate filament proteins

Kathleen Green, Ph.D.

Professor
Department of Pathology
Cell-cell interaction molecules

Mary Hendrix, Ph.D.

Professor and Director
Children's Memorial Research Center
Role of microenvironment in cancer

Robert Holmgren, Ph.D.

Professor
Dept of Biochem, Molecular Bio & Cell Biology
Signal transduction in development and oncogenesis

Sui Huang, Ph.D.

Associate Professor
Dept of Cell and Molecular Biology
Perinucleolar compartment and cancer progression

Jonathan Jones, Ph.D.

Professor
Department of Cell and Molecular Biology
Epithelial cell-matrix adhesion molecules

John Kessler, M.D.

Professor and Chair
Department of Neurology
Biology of embryonic & neural stem cells

Hiroaki Kiyokawa, M.D., Ph.D.

Associate Professor
Dept. of Molecular Pharmacology & Biological Chem
Cell cycle and carcinogenesis

James Kramer, Ph.D.

Professor
Cell and Molecular Biology
Extracellular matrix molecules

Carole LaBonne, Ph.D.

Associate Professor
Dept. of Biochem, Molecular Bio & Cell Biology
Neural crest cells and pediatric neuroblastoma

Andreas Matouschek, Ph.D.

Professor
Dept. of Biochem, Molecular Bio & Cell Biology
Protein unfolding and oncogenesis

Leonidas Plataniias, M.D., Ph.D.

Professor
Department of Medicine
Cytokines and signal transduction pathways

Susan Winandy, Ph.D.

Assistant Professor
Department of Microbiology-Immunology
T cell development and leukemogenesis

Teresa Woodruff, Ph.D.

Professor
Department of Obstetrics and Gynecology
Hormones and signal transduction in the ovary