

Research Team



Susan Crawford, M.D.

Metabolic Core Facility

Dr. Susan Crawford is a pathologist and Director of our Metabolic Core Facility. Dr. Crawford is using metabolic profiles of prostate cancer tissue analyzed by mass spectroscopy to determine prognosis and guide treatment in prostate cancer patients. She is also investigating the use of nerve stem cells that have been embedded in a gel and can be applied to the prostate bed following surgical removal of the prostate to eradicate any residual tumor cells.



Jennifer Doll, Ph.D.

Nutritional Research

There is increasing evidence that unhealthy fat not only causes atherosclerosis, heart disease and diabetes, but it also promotes the growth of certain types of cancer, including prostate cancer and breast cancer. Dr. Jennifer Doll's research focuses on a particular protein, pigment epithelium derived factor, that appears to inhibit another protein, leptin, that is produced by fat cells and stimulates the growth of new tumor blood vessels.



Karen Kaul, M.D., Ph.D.

Molecular Diagnostics

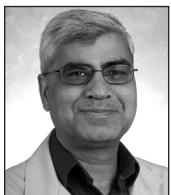
Molecular Diagnostics has become an essential component of modern prostate cancer treatment and research. Karen Kaul, M.D., Ph.D., Director of our Molecular Diagnostic Laboratory, is leading clinical studies aimed at improving prostate cancer detection, prediction of prognosis, and monitoring of disease by studying molecular changes in tumor cells and through her investigation of new biologic markers in prostatic tissue and body fluids.



Chung Lee, Ph.D.

Immunotherapy

Chung Lee, Ph.D. is Professor of Urology at Northwestern University and Director of Urologic Research at that institution. Dr Lee is also the Director of our Prostate Cancer Specialized Program of Research Excellence (SPORE), which is a multi-institutional program funded by the National Cancer Institute and involves collaborations between NorthShore University HealthSystem, the University of Chicago, and Northwestern University.



Prem Seth, Ph.D.

Gene Therapy

Gene therapy uses modified viruses to attack cancer cells. Dr. Prem Seth, who worked previously at the National Cancer Institute, joined NorthShore several years ago. He has developed a modified common cold virus that specifically attacks prostate cancer cells and produces a protein that prevents prostate cancer cells from metastasizing to bone. His pioneering research offers new hope for men with advanced prostate cancer.