

Post- doctoral researcher in prostate cancer biology
Roswell Park Cancer Institute, Buffalo, NY

A postdoctoral position is available immediately in the Department of Cancer Genetics in the laboratories of Drs. [John Krolewski](#) and [Kent Nastiuk](#). We investigate the molecular mechanisms and sequelae of androgen deprivation therapy control of growth and apoptosis in normal, hyperplastic, and neoplastic prostate, focused on improving therapy for prostatic disease. Previously, we identified [key signals regulating prostate apoptosis](#), alterations in cytokine and [chemokine signaling resulting in therapy resistance](#) and promotion of metastasis in advanced disease, as well as promotion of sarcopenia. We utilize [advanced imaging modalities](#), a variety of whole animal and cell biological techniques, and examine regulation and consequence of gene expression in the epithelial and microenvironment compartments of the prostate using *in vivo* and *in vitro* models. The successful candidate will further define ADT response and cytokine networks in animal models of prostate cancer, benign prostatic hyperplasia, and concordant human samples.

Applicants must possess a PhD, MD, or MD, PhD and research experience in molecular signal transduction or bioinformatics analysis of gene expression and a strong desire to translate it to the biology of disease. Applicants should be within 3 years of receiving their degree. Pre-existing permission to work in North America is highly preferred. The post-doctoral appointment is available immediately.

Qualified candidates should provide a cover letter, CV, and contact information for three professional references. To apply, please send all application materials electronically to: [Dr. Kent Nastiuk](#)