

AACR-KCA Conference

AACR Speaker Short Bios

Alexander Wyatt

Dr. Alexander Wyatt is an Assistant Professor at the Vancouver Prostate Centre and University of British Columbia. He has a broad background in basic molecular biology and genetics, and 8 years of experience in cancer bioinformatics and the analysis of complex datasets. The primary research goals of the Wyatt laboratory are to dissect the clinical relevance of genomic alterations in metastatic genitourinary cancers and develop biomarkers for guiding therapy selection. The laboratory leverages a variety of next-generation sequencing and bioinformatics techniques to interrogate tissue and liquid biopsies from patients enrolled on a series of ongoing clinical trials and protocols. Recent articles from Dr. Wyatt's team, in close collaboration with Dr. Kim N Chi and other senior medical oncologists and urologists, have demonstrated that plasma circulating tumor DNA (ctDNA) is highly representative of metastatic lesions in prostate and bladder cancer, and that somatic alterations detected in ctDNA can help predict therapy resistance or response. For more information, see: <https://blogs.ubc.ca/wyattlab/>