



^b
**UNIVERSITÄT
BERN**

Medizinische Fakultät
**Department for BioMedical
Research**

Media release / MSC Fellowships

Joanna Catherine Triscott

Host Organization:

Department for BioMedical Research, University of Bern, Precision Oncology Group

Project Title:

Towards understanding non-canonical phosphatidylinositol kinases in the maintenance of prostate metabolism.

Project description:

1 in 7 men will develop prostate cancer with many progressing to advanced castrate-resistant disease. A need exists to better understand the mechanisms that control the transition of prostate cells from a hormone-driven to resistant disease. To find answers to clinical questions, we are delving into the fundamental mechanisms of a previously overlooked family of lipid kinases. The goal of this project is to develop new biological models for the study of PI5P4Ks that will establish the first understanding of their importance in the prostate. This research will provide valuable insights into a non-canonical family of kinases and lay the groundwork for their development as novel drug targets