

Targeting transcription factors in triple negative breast cancer cells: mechanistic investigations

PROJECT DESCRIPTION

Briefly, students involved in this short-term summer project will be responsible for conducting a series of organic chemistry reactions to prepare small molecule drugs with the ability to inhibit the transcriptional activity of FOXM1, an oncogenic protein that is responsible for the evolution of breast cancer in humans. This position requires basic knowledge of NMR, IR, organic chemistry and thin layer chromatography.

FACULTY-DEPARTMENT

Pharmacy and Pharmaceutical Sciences - N/A

OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS

Chinese universities participating in the [Double First-Class Initiative](#).

DESIRED FIELD OF STUDENT STUDY

Organic chemistry

INTERNSHIP LOCATION

Edmonton Campus

NUMBER OF INTERNSHIP POSITIONS

1

INTERNSHIP DATES

Start: August 1, 2019

End: November 1, 2019

ARE THE DATES FLEXIBLE?

Yes, I am flexible regarding the internship dates. Selected students can contact me to request a date change.