

New Mexico State University

Biomedical Research Seminar Series
Speaker Announcement

Friday, Dec. 1, 2017, 3:30 pm

Domenici Hall, Rm 109

(Refreshments served at 3:00)

Christopher Kemp, PhD,

*Divisions of Human Biology &
Public Health Sciences,
Fred Hutchinson Cancer
Research Center*



***Personalized Cancer Models for Target Development and
Precision Oncology***

A major goal of precision oncology is to utilize genomic information to inform patient care. While there are spectacular examples of success, for the great majority of cancer patients, genomic information is insufficient to guide patient care or select effective therapeutic options. We have developed an approach that employs highthroughput functional testing with both siRNA and drugs using patient tumor samples. This functional data combined with genomic analysis is used to distinguish driver from passenger mutations and identify novel drug targets and potentially effective drugs specific to a given patient.

The BMRS series is supported by the Office of the Provost, the College of Arts and Sciences, the Departments of Chemistry & Biochemistry and Biology, and the NM-INBRE, RISE, MARC, and HHMI programs.

For more information or to meet with the speaker please contact Shelley Lusetti at slusetti@nmsu.edu



New Mexico State University
All About Discovery!
nmsu.edu