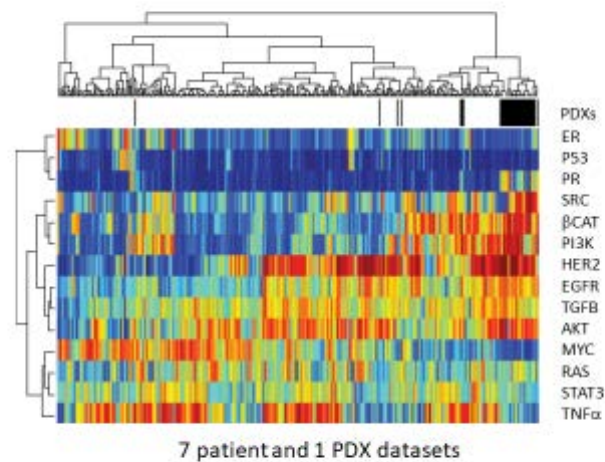


Modeling breast cancer in mice;  
testing bioinformatic driven  
predictions and therapies

Mouse models have long been used to study breast cancer, revealing key insights into the role of various signal transduction pathways. Using a bioinformatics approach to generate testable hypotheses, we have integrated our studies of gene expression and whole genome sequencing with mouse models. Predictions for genes regulating metastasis, tumor suppression and optimal therapy have been tested and will be discussed.

**Dr. Eran Andrechek**  
Associate Professor  
Department of Physiology  
Michigan State University

Host: Dr. Sean Egan

**Date:** Thursday February 15<sup>th</sup>, 2018  
**Time:** 3:30PM  
**Place:** CCBR Red Seminar Room; 160  
College St