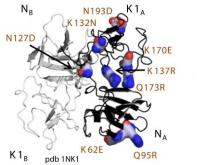
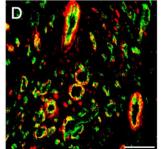


Cochran Lab @ Stanford: Engineered Proteins for Visualizing and Treating Disease



Engineered ligands for regenerative medicine





- -- Jones, Proc Natl Acad Sci, 2011
- -- Liu, FEBS Letters, 2014
- -- Sonnenberg, Biomaterials, 2014
- -- Suarez, ACS Biomaterials, 2016

Engineered growth factor mimic promotes cardiac tissue regeneration

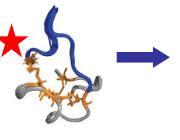
Engineered peptides inspired by nature as a new class of tumor targeting agents

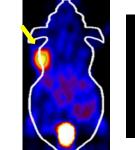


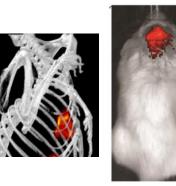
-- Kimura, Cancer Research, 2009

-- Nielsen, Cancer Research, 2011

-- Moore, Proc Natl Acad Sci, 2013

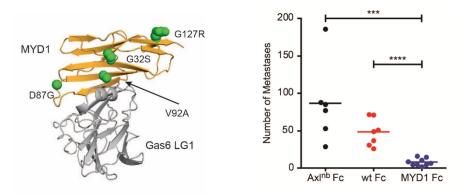






- -- Kim, J. Amer. Chemical Society, 2015 -- Currier, Mol Cancer Therapeutics, 2016
- -- Cox, Angew Chemie, 2016

Engineered proteins as cancer therapeutics



Engineered receptor 'decoy' inhibits 90% of ovarian cancer metastases

Kariolis, Nature Chemical Biology, 2014



New tools and technologies for massively paralleled protein analysis and engineering

-- Chen, Nature Chemical Biology, 2016