CAMB 701 Syllabus: “Tumor Microenvironment”
Spring 2017, Tuesdays 3-5pm
BRB 701
Instructors: Sandra Ryeom (BRB 752, sryeom@upenn.edu)
Costas Koumenis (Smilow 8-124, Costas.Koumenis@uphs.upenn.edu)
Ben Stanger (BRB 512, bstanger@upenn.edu)

1/10/17 Intro to immunology lecture (Ellen Pure)
Methods in Immunology

1/17/17 Intro to Stromal Cells lecture (Ellen Pure)
Methods in stromal cell biology

1/24/17 Intro Endothelial Cells lecture (Celeste Simon)
Methods in endothelial cell biology (Sandra Ryeom)

INFLAMMATION


2/7/17 Huber S et al. (Richard Flavell). 2012, IL-22BP is regulated by the inflammasome and modulates tumorigenesis in the intestine. Nature. 8;491(7423):259-6


IMMUNOTHERAPY/TUMOR IMMUNITY


3/7/17 Spring Break (NO CLASS)

3/14/17 (Innate immunity paper, TBD)


STROMAL CELLS/MATRIX


ANGIOGENESIS/ENDOTHELIAL CELLS/HYPOXIA

