

Overview and the Hallmarks of Cancer

Professor Kerry Bone's Reading Assignment



Module 1.5 – Some Left Field Concepts

1. Cancer Cells Thrive in Stiff Tissue

University of Notre Dame. (2018, May 4). Cancer cells thrive in stiff tissue. *ScienceDaily*. Retrieved March 30, 2019 from www.sciencedaily.com/releases/2018/05/180504161149.htm

2. Sodium Salicylate Switches Glucose Depletion-Induced Necrosis to Autophagy

Lim, S. C., Kim, S. M., Choi, J. E., Kim, C. H., Duong, H. Q., Han, S. I., & Kang, H. S. (2008). Sodium salicylate switches glucose depletion-induced necrosis to autophagy and inhibits high mobility group box protein 1 release in A549 lung adenocarcinoma cells. *Oncology reports*, 19(5), 1165-1171.

Advanced Reading

1. Aerobic Glycolysis and High Level of Lactate in Cancer Metabolism and Microenvironment

Jiang, B. (2017). Aerobic glycolysis and high level of lactate in cancer metabolism and microenvironment. *Genes & Diseases*, 4(1), 25-27.

2. HMGB1 and RAGE in Inflammation and Cancer

Sims, G. P., Rowe, D. C., Rietdijk, S. T., Herbst, R., & Coyle, A. J. (2009). HMGB1 and RAGE in inflammation and cancer. *Annual review of immunology*, 28, 367-388.

3. The Pretreatment Platelet to Lymphocyte Ratio Predicts Clinical Outcomes in Patients with Cervical Cancer

Ma, J. Y., Ke, L. C., & Liu, Q. (2018). The pretreatment platelet-to-lymphocyte ratio predicts clinical outcomes in patients with cervical cancer: A meta-analysis. *Medicine*, 97(43).