Bio

STANFORD ADVISORS

• Edgar Engleman, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

• Hypoxia regulates the mitochondrial activity of hepatocellular carcinoma cells through HIF/HEY1/PINK1 pathway. *CELL DEATH & DISEASE*
  2019; 10: 934

• Induction of Oxidative Stress Through Inhibition of Thioredoxin Reductase 1 Is an Effective Therapeutic Approach for Hepatocellular Carcinoma. *HEPATOLOGY*
  Lee, D., Xu, I., Chiu, D., Leibold, J., Tse, A., Bao, M., Yuen, V., Chan, C., Lai, R., Chin, D., Chan, D., Cheung, T., Chok et al
  2019; 69 (4): 1768–86

• Assessment of Stabilization and Activity of the HIFs Important for Hypoxia-Induced Signalling in Cancer Cells. *Methods in molecular biology (Clifton, N.J.)*
  Chiu, D. K., Zhang, M. S., Tse, A. P., Wong, C. C.
  2019; 1928: 77–99

• RNA N6-methyladenosine methyltransferase-like 3 promotes liver cancer progression through YTHDF2-dependent posttranscriptional silencing of SOCS2. *HEPATOLOGY*
  2018; 67 (6): 2254–70

• Hepatitis transactivator protein X promotes extracellular matrix modification through HIF/LOX pathway in liver cancer. *ONCOGENESIS*
  2018; 7: 44

• Histone methyltransferase G9a promotes liver cancer development by epigenetic silencing of tumor suppressor gene RARRES3. *JOURNAL OF HEPATOLOGY*
  2017; 67 (4): 758–69

• Hypoxia inducible factor HIF-1 promotes myeloid-derived suppressor cells accumulation through ENTPD2/CD39L1 in hepatocellular carcinoma. *NATURE COMMUNICATIONS*
  2017; 8: 517

• Folate cycle enzyme MTHFD1L confers metabolic advantages in hepatocellular carcinoma. *JOURNAL OF CLINICAL INVESTIGATION*
  2017; 127 (5): 1856–72
- Hypoxia induces myeloid-derived suppressor cell recruitment to hepatocellular carcinoma through chemokine (C-C motif) ligand 26. *HEPATOLOGY*
  2016; 64 (3): 797–813

- NDUFA4L2 fine-tunes oxidative stress in hepatocellular carcinoma. *CLINICAL CANCER RESEARCH*
  2016; 22 (12): 3105–17

- Transketolase counteracts oxidative stress to drive cancer development. *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  2016; 113 (6): E725–E734

- Switching of pyruvate kinase isoform L to M2 promotes metabolic reprogramming in hepatocarcinogenesis. *PLOS ONE*
  2014; 9 (12): e115036

- Lysyl oxidase-Like 2 is critical to tumor microenvironment and metastatic niche formation in hepatocellular carcinoma. *HEPATOLOGY*
  2014; 60 (5): 1645–58