

Stanford



Ali Ghoochani

Basic Life Research Scientist

Chemical Engineering

Bio

ACADEMIC APPOINTMENTS

- Basic Life Science Research Associate, Chemical Engineering

LINKS

- www.linkedin.com/in/ali-ghoochani-7633147b: www.linkedin.com/in/ali-ghoochani-7633147b

Publications

PUBLICATIONS

- **Ferroptosis inducers are a novel therapeutic approach for advanced prostate cancer.** *Cancer research*
Ghoochani, A. n., Hsu, E. C., Aslan, M. n., Rice, M. A., Nguyen, H. M., Brooks, J. D., Corey, E. n., Paulmurugan, R. n., Stoyanova, T. n.
2021
- **MIF-CD74 signaling impedes microglial M1 polarization and facilitates brain tumorigenesis** *ONCOGENE*
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2016; 35 (48): 6246-6261
- **A versatile ex vivo technique for assaying tumor angiogenesis and microglia in the brain** *ONCOTARGET*
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2016; 7 (2): 1838-1853
- **Novel Aza-podophyllotoxin derivative induces oxidative phosphorylation and cell death via AMPK activation in triple-negative breast cancer.** *British journal of cancer*
Tailor, D. n., Going, C. C., Resendez, A. n., Kumar, V. n., Nambiar, D. K., Li, Y. n., Dheeraj, A. n., LaGory, E. L., Ghoochani, A. n., Birk, A. M., Stoyanova, T. n., Ye, J. n., Giaccia, et al
2020
- **Trop2 is a driver of metastatic prostate cancer with neuroendocrine phenotype via PARP1.** *Proceedings of the National Academy of Sciences of the United States of America*
Hsu, E. C., Rice, M. A., Bermudez, A. n., Marques, F. J., Aslan, M. n., Liu, S. n., Ghoochani, A. n., Zhang, C. A., Chen, Y. S., Zlitni, A. n., Kumar, S. n., Nolley, R. n., Habte, et al
2020
- **Loss of Notch1 Activity Inhibits Prostate Cancer Growth and Metastasis and Sensitizes Prostate Cancer Cells to Antiandrogen Therapies** *MOLECULAR CANCER THERAPEUTICS*
Rice, M. A., Hsu, E., Aslan, M., Ghoochani, A., Su, A., Stoyanova, T.
2019; 18 (7): 1230-42
- **Ameliorating the Effect of Pioglitazone on LPS-Induced Inflammation of Human Oligodendrocyte Progenitor Cells.** *Cellular and molecular neurobiology*
Peymani, M., Ghaedi, K., Hashemi, M., Ghoochani, A., Kiani-Esfahani, A., Nasr-Esfahani, M. H., Baharvand, H.
2017

- **Plasticity Related Gene 3 (PRG3) overcomes myelin-associated growth inhibition and promotes functional recovery after spinal cord injury** *AGING-US*
Broggini, T., Schnell, L., Ghoochani, A., Mateos, J. M., Buchfelder, M., Wiendieck, K., Schaefer, M. K., Eyupoglu, I. Y., Savaskan, N. E.
2016; 8 (10): 2463-?
- **Cabazitaxel operates anti-metastatic and cytotoxic via apoptosis induction and stalls brain tumor angiogenesis.** *Oncotarget*
Ghoochani, A., Hatipoglu Majernik, G., Sehm, T., Wach, S., Buchfelder, M., Taubert, H., Eyupoglu, I. Y., Savaskan, N.
2016; 7 (25): 38306-38318
- **Sulfasalazine impacts on ferroptotic cell death and alleviates the tumor microenvironment and glioma-induced brain edema** *ONCOTARGET*
Sehm, T., Fan, Z., Ghoochani, A., Rauh, M., Engelhorn, T., Minakaki, G., Doerfler, A., Klucken, J., Buchfelder, M., Eyuepoglu, I. Y., Savaskan, N.
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- **Hidden association of Cowden syndrome, PTEN mutation and meningioma frequency.** *Oncoscience*
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2016; 3 (5-6): 149-155
- **The Synergistic Enhancement of Cloning Efficiency in Individualized Human Pluripotent Stem Cells by Peroxisome Proliferative-activated Receptor-? (PPAR?) Activation and Rho-associated Kinase (ROCK) Inhibition.** *journal of biological chemistry*
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- **Sunitinib impedes brain tumor progression and reduces tumor-induced neurodegeneration in the microenvironment** *CANCER SCIENCE*
Hatipoglu, G., Hock, S. W., Weiss, R., Fan, Z., Sehm, T., Ghoochani, A., Buchfelder, M., Savaskan, N. E., Eyuepoglu, I. Y.
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- **Dual effects of peroxisome proliferator-activated receptor gamma on embryonic stem cell self-renewal in presence and absence of leukemia inhibitory factor** *EUROPEAN JOURNAL OF CELL BIOLOGY*
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2013; 92 (4-5): 160-168
- **The influence of peroxisome proliferator-activated receptor gamma(1) during differentiation of mouse embryonic stem cells to neural cells** *DIFFERENTIATION*
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