

Stanford



Ali Ghoochani

Postdoctoral Research Fellow, Chemical Engineering

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Universitat Erlangen Nurnberg (2017)
- Master of Science, University Of Isfahan (2010)
- Bachelor of Science, Shahid Chamran University (2008)

STANFORD ADVISORS

- Monther Abu-Remaileh, Postdoctoral Faculty Sponsor
- Monther Abu-Remaileh, Postdoctoral Research Mentor

LINKS

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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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- **A versatile ex vivo technique for assaying tumor angiogenesis and microglia in the brain** *ONCOTARGET*
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- **Novel Aza-podophyllotoxin derivative induces oxidative phosphorylation and cell death via AMPK activation in triple-negative breast cancer.** *British journal of cancer*
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- **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*
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 - **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.
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 - **Sulfasalazine impacts on ferroptotic cell death and alleviates the tumor microenvironment and glioma-induced brain edema** *ONCOTARGET*
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 - **Hidden association of Cowden syndrome, PTEN mutation and meningioma frequency.** *Oncoscience*
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 - **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*
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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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 - **The influence of peroxisome proliferator-activated receptor gamma(1) during differentiation of mouse embryonic stem cells to neural cells** *DIFFERENTIATION*
Ghoochani, A., Shabani, K., Peymani, M., Ghaedi, K., Karamali, F., Karbalaci, K., Tanhaie, S., Salamian, A., Esmacili, A., Valian-Borujeni, S., Hashemi, M., Nasr-Esfahani, M. H., Baharvand, et al
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