Stanford

Niloofar Taheri

Postdoctoral Scholar, Psychiatry

Bio

BIO

Dr. Niloofar Taheri is a postdoctoral researcher (MD, Inv) in the Mignot Lab at Stanford University, where she conducts research in sleep medicine and neuroimmunology. Her work has been recognized with Gold Medals at international invention competitions, including the IFIA Members' Competition for developing a novel diagnostic and therapeutic approach to neurodegenerative disorders, and the 2025 American Innovation Exhibition (AIIE) in San Diego, where she received a Gold Medal and Special Prize for designing a medication to improve the treatment of brain metastases in breast cancer. Most recently, she won a Gold Medal at the 2025 Kaohsiung International Invention & Design Expo (KIDE), for a patent on a novel diagnostic method for the early detection of major depressive disorder (MDD).

She brings experience in clinical practice, co-founding an autoimmune society, and developing wet-lab models. She is also a verified peer reviewer for psychiatry and neuroscience journals.

HONORS AND AWARDS

- Special Award, 2025 America Innovation Invention Expo (WIIPA), WIIPA (Aug 2025)
- Gold Medalist, The 2025 America Innovation Invention Expo (WIIPA), WIIPA (Aug 2025)
- Gold Medalist, 5th International Invention and Innovation Competition for IFIA INV Members, IFIA (Aug, 2025)

PROFESSIONAL EDUCATION

- Doctor of Medicine (MD), Shahroud University of Medical Sciences (2022)

STANFORD ADVISORS

- Emmanuel Mignot, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Emmanuel Mignot, Mignot lab (1/6/2025)

Publications

PUBLICATIONS

- **Effects of Resveratrol on Nonmelanoma Skin Cancer (NMSC): A Comprehensive Review.** *Food science & nutrition*
  Zamanian, M. Y., Shahbazi, T., Kazmi, S. W., Hussien, B. M., Sharma, A., Qasim, M. T., Hjazi, A., Sapaev, I. B., Nouri Danesh, A., Taheri, N., Golmohammadi, M.

2024; 12 (11): 8825-8845

- **A comprehensive view on the fisetin impact on colorectal cancer in animal models: Focusing on cellular and molecular mechanisms.** *Animal models and experimental medicine*
  Zamanian, M. Y., Taheri, N., Ramadan, M. F., Mustafa, Y. F., Alkhayyat, S., Sergeevna, K. N., Alsaab, H. O., Hjazi, A., Molavi Vasei, F., Daneshvar, S.
  2024; 7 (5): 591-605

- **The Neuroprotective Effects of Agmatine on Parkinson's Disease: Focus on Oxidative Stress, Inflammation and Molecular Mechanisms** *INFLAMMATION*
  Zamanian, M., Nazifi, M., Khachatryan, L. G., Taheri, N., Ivraghi, M., Menon, S. V., Husseen, B., Prasad, K. V., Petkov, I., Nikbakht, N.
  2025; 48 (3): 1078-1092

- **The Link Between Vitamin D and the Risk of Aneurysmal Subarachnoid Hemorrhage: A Systematic Review.** *World neurosurgery*
  Abbasi, H., Rahnemayan, S., Alawfi, J. S., Mirshekari, M., Taheri, N., Farhoudi, M.
  2024; 189: 351-356.e1

- **A comprehensive view on the quercetin impact on bladder cancer: Focusing on oxidative stress, cellular, and molecular mechanisms.** *Fundamental & clinical pharmacology*
  Golmohammadi, M., Elmaghraby, D. A., Ramírez-Coronel, A. A., Rakhimov, N., Mohammed, S. S., Romero-Parra, R. M., Jawad, M. A., Zamanian, M. Y., Soltani, A., Taheri, N., Kianifar, F., Vousooghi, N.
  2023; 37 (5): 900-909

- **Neuroprotective and Anti-Inflammatory Effects of Pioglitazone on Parkinson's Disease: A Comprehensive Narrative Review of Clinical and Experimental Findings.** *CNS & neurological disorders drug targets*
  Zamanian, M. Y., Terefe, E. M., Taheri, N., Kujawska, M., Tork, Y. J., Abdelbasset, W. K., Shoukat, S., Opulencia, M. J., Heidari, M., Alesaeidi, S.
  2023; 22 (10): 1453-1461

- **Targeting Nrf2 signaling pathway and oxidative stress by resveratrol for Parkinson's disease: an overview and update on new developments.** *Molecular biology reports*
  Zamanian, M. Y., Parra, R. M., Soltani, A., Kujawska, M., Mustafa, Y. F., Raheem, G., Al-Awsi, L., Lafta, H. A., Taheri, N., Heidari, M., Golmohammadi, M., Bazmandegan, G.
  2023; 50 (6): 5455-5464

- **Neuroprotective and Anti-inflammatory Effects of Pioglitazone on Traumatic Brain Injury.** *Mediators of inflammation*
  Zamanian, M. Y., Taheri, N., Opulencia, M. J., Bokov, D. O., Abdullaev, S. Y., Gholamrezapour, M., Heidari, M., Bazmandegan, G.
  2022; 2022: 9860855

- **Long-Term Persistence of Anti-SARS-COV-2 IgG Antibodies.** *Current microbiology*
  Yousefi, Z., Taheri, N., Dargahi, M., Chaman, R., Binesh, E., Emamian, M. H., Jafari, R.
  2022; 79 (4): 96

- **Advances in immunotherapy for COVID-19: A comprehensive review.** *International immunopharmacology*
  Masoomikarimi, M., Garmabi, B., Alizadeh, J., Kazemi, E., Azari Jafari, A., Mirmoeeni, S., Dargahi, M., Taheri, N., Jafari, R.
  2021; 93: 107409