

Stanford



Shady Younis

Postdoctoral Research Fellow, Immunology and Rheumatology

Bio

PROFESSIONAL EDUCATION

- PhD, Faculty of Medicine, Uppsala University , Molecular Genetics (2017)
- MSc, Vienna University of Life Sciences , Quantitative Genetics (2011)
- MSc, SLU, Sweden , Molecular Genetics (2011)
- BSc, Ain Shams University , Animal Sciences (2007)

STANFORD ADVISORS

- William Robinson, Postdoctoral Research Mentor
- William Robinson, Postdoctoral Faculty Sponsor

PATENTS

- Shady Younis, Wael Kamel, Göran Akuslarvi, Leif Andersson. "Sweden Patent WO2018143874A1 Methods for identifying new therapeutic agents", Jan 30, 2018

Publications

PUBLICATIONS

- **The importance of the ZBED6-IGF2 axis for metabolic regulation in mouse myoblast cells** *FASEB JOURNAL*
Younis, S., Naboulsi, R., Wang, X., Cao, X., Larsson, M., Sargsyan, E., Bergsten, P., Welsh, N., Andersson, L.
2020
- **Brain transcriptomics of wild and domestic rabbits suggests that changes in dopamine signalling and ciliary function contributed to evolution of tameness.** *Genome biology and evolution*
Sato, D. X., Rafati, N., Ring, H., Younis, S., Feng, C., Blanco-Aguiar, J. A., Rubin, C. J., Villafurte, R., Hallböök, F., Carneiro, M., Andersson, L.
2020
- **ZBED6 negatively regulates insulin production, neuronal differentiation, and cell aggregation in MIN6 cells** *FASEB JOURNAL*
Wang, X., Jiang, L., Wallerman, O., Younis, S., Yu, Q., Klaesson, A., Tengholm, A., Welsh, N., Andersson, L.
2019; 33 (1): 88–100
- **Multiple nuclear-replicating viruses require the stress-induced protein ZC3H11A for efficient growth** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Younis, S., Kamel, W., Falkeborn, T., Wang, H., Yu, D., Daniels, R., Essand, M., Hinkula, J., Akusjarvi, G., Andersson, L.
2018; 115 (16): E3808–E3816
- **The ZBED6-IGF2 axis has a major effect on growth of skeletal muscle and internal organs in placental mammals** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Younis, S., Schonke, M., Massart, J., Hjortebjerg, R., Sundstrom, E., Gustafson, U., Bjornholm, M., Krook, A., Frystyk, J., Zierath, J. R., Andersson, L.
2018; 115 (9): E2048–E2057

- **Transcriptional modulator ZBED6 affects cell cycle and growth of human colorectal cancer cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Ali, M., Younis, S., Wallerman, O., Gupta, R., Andersson, L., Sjoblom, T.
2015; 112 (25): 7743–48
- **Rabbit genome analysis reveals a polygenic basis for phenotypic change during domestication** *SCIENCE*
Carneiro, M., Rubin, C., Di Palma, F., Albert, F. W., Alfoeldi, J., Barrio, A., Pielberg, G., Rafati, N., Sayyab, S., Turner-Maier, J., Younis, S., Afonso, S., Aken, et al
2014; 345 (6200): 1074–79
- **ZBED6 Modulates the Transcription of Myogenic Genes in Mouse Myoblast Cells** *PLOS ONE*
Jiang, L., Wallerman, O., Younis, S., Rubin, C., Gilbert, E. R., Sundstrom, E., Ghazal, A., Zhang, X., Wang, L., Mikkelsen, T. S., Andersson, G., Andersson, L.
2014; 9 (4): e94187