



Rida Rehman

Postdoctoral Scholar, Stem Cell Biology and Regenerative Medicine

Bio

HONORS AND AWARDS

- Stanford Dean's School of Medicine Postdoctoral Fellowship, Stanford University, School of Medicine (2024)
- 1st Young Researcher's Science Award, Universität Ulm (2022)
- Proteomics grant award, Uni. of St. Gallen, Switzerland & CONICET, Argentina (2021)
- Interreg ITALIA-Slovenia ICGEB sponsor grant, ICGEB (2019)
- Hannelore Kohl Foundation research grant, Hannelore Kohl Foundation (2018-2019)
- Rector's High Achievers award, National University of Sciences and Technology (NUST), Pakistan (2016)
- Summer school travel grant, IBRO-APRC (2016)
- 2015 MacJannet Prize for Educational Empowerment in Pakistan, MacJannet Foundation, Tallories Network (2015)
- Award for outstanding academic performance, Prime Minister Office, Pakistan (2015)

PROFESSIONAL EDUCATION

- Master of Science, National University of Sciences and Technology (2016)
- Doctor of Philosophy, Universität Ulm (2023)
- Bachelor of Science, National University of Sciences and Technology (2014)
- Dr. rer. Nat., Ulm University, Neurosciences (2023)
- M.Sc. in Biomedical Sciences, SMME, NUST, Pakistan, Neurosciences (2016)
- B.Sc. in Applied Biosciences, ASAB, NUST, Pakistan, Healthcare biotechnology (2014)

STANFORD ADVISORS

- Marius Wernig, Postdoctoral Research Mentor
- Marius Wernig, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Synaptic activity and neuroprotection through synaptic cytokine**
Li, S., Heuvel, F., Rehman, R., Aousji, O., Froehlich, A., Li, Z., Roselli, F.
TAYLOR & FRANCIS LTD.2023: 152-153
- **Interleukin-13 and its receptor are synaptic proteins involved in plasticity and neuroprotection.** *Nature communications*
Li, S., Olde Heuvel, F., Rehman, R., Aousji, O., Froehlich, A., Li, Z., Jark, R., Zhang, W., Conquest, A., Woelfle, S., Schoen, M., O Meara, C. C., Reinhardt, et al

2023; 14 (1): 200

- **Met/HGFR triggers detrimental reactive microglia in TBI** *CELL REPORTS*
Rehman, R., Miller, M., Krishnamurthy, S., Kjell, J., Elsayed, L., Hauck, S. M., Heuvel, F., Conquest, A., Chandrasekar, A., Ludolph, A., Boeckers, T., Mulaw, M. A., Goetz, et al
2022; 41 (13): 111867
- **Neuronal nuclear calcium signaling suppression of microglial reactivity is mediated by osteoprotegerin after traumatic brain injury** *JOURNAL OF NEUROINFLAMMATION*
Froehlich, A., Heuvel, F., Rehman, R., Krishnamurthy, S., Li, S., Li, Z., Bayer, D., Conquest, A., Hagenston, A. M., Ludolph, A., Huber-Lang, M., Boeckers, T., Knoll, et al
2022; 19 (1): 279
- **Differential effect of ethanol intoxication on peripheral markers of cerebral injury in murine blunt traumatic brain injury** *BURNS & TRAUMA*
Li, Z., Zhang, J., Halbgebauer, S., Chandrasekar, A., Rehman, R., Ludolph, A., Boeckers, T., Huber-Lang, M., Otto, M., Roselli, F., Heuvel, F.
2021; 9: tkab027
- **Acute TBK1/IKK-epsilon Inhibition Enhances the Generation of Disease-Associated Microglia-Like Phenotype Upon Cortical Stab-Wound Injury** *FRONTIERS IN AGING NEUROSCIENCE*
Rehman, R., Tar, L., Olamide, A., Li, Z., Kassubek, J., Boeckers, T., Weishaupt, J., Ludolph, A., Wiesner, D., Roselli, F.
2021; 13: 684171
- **STAT6 mediates the effect of ethanol on neuroinflammatory response in TBI** *BRAIN BEHAVIOR AND IMMUNITY*
Heuvel, F., Holl, S., Chandrasekar, A., Li, Z., Wang, Y., Rehman, R., Foerstner, P., Sinske, D., Palmer, A., Wiesner, D., Ludolph, A., Huber-Lang, M., Relja, et al
2019; 81: 228-246
- **NEUROINFLAMMATION AFTER TRAUMATIC BRAIN INJURY (TBI) IS ENHANCED IN ACTIVATING TRANSCRIPTION FACTOR 3 (ATF3) DEFICIENT MICE**
Foerstner, P., Rehman, R., Anastasiadou, S., Haffner-Luntzer, M., Sinske, D., Ignatius, A., Roselli, F., Knoell, B.
MARY ANN LIEBERT, INC.2018: A72-A73
- **The Neuroprotective Effect of Ethanol Intoxication in Traumatic Brain Injury Is Associated with the Suppression of ErbB Signaling in Parvalbumin-Positive Interneurons** *JOURNAL OF NEUROTRAUMA*
Chandrasekar, A., Heuvel, F., Wepler, M., Rehman, R., Palmer, A., Catanese, A., Linkus, B., Ludolph, A., Boeckers, T., Huber-Lang, M., Radermacher, P., Roselli, F.
2018; 35 (22): 2718-2735
- **Neuroinflammation after Traumatic Brain Injury Is Enhanced in Activating Transcription Factor 3 Mutant Mice** *JOURNAL OF NEUROTRAUMA*
Foerstner, P., Rehman, R., Anastasiadou, S., Haffner-Luntzer, M., Sinske, D., Ignatius, A., Roselli, F., Knoell, B.
2018; 35 (19): 2317-2329
- **Neuroprotective effect of acute ethanol intoxication in TBI is associated to the hierarchical modulation of early transcriptional responses** *EXPERIMENTAL NEUROLOGY*
Chandrasekar, A., Aksan, B., Heuvel, F., Foerstner, P., Sinske, D., Rehman, R., Palmer, A., Ludolph, A., Huber-Lang, M., Boeckers, T., Mauceri, D., Knoell, B., Roselli, et al
2018; 302: 34-45