Stanford



Salvinaz Islam Moutusy

Postdoctoral Scholar, Immunology and Rheumatology

Bio

BIO

I am a medical scientist with expertise in basic biomedical research focusing on Microbiology and Immunology. After getting medical license from Bangladesh, I received MD in Medical Microbiology from BSMMU, Bangladesh and MS in Environmental Health Science from the University of Tokyo School of Medicine, Japan.

HONORS AND AWARDS

- Precedential award, Bangabandhu Sheikh Mujib Medical University (BSMMU) (2018)

PROFESSIONAL EDUCATION

- B of Medicine and B of Surgery, University Of Dhaka (2013)
- Master of Health and Science, University Of Tokyo (2023)
- Doctor of Medicine, Academics (2018)
- MS, The University of Tokyo, Japan , Environmental Health Science (2023)
- MD, Bangabandhu Sheikh Mujib Medical University (BSMMU), Bangladesh , Microbiology (2018)
- MBBS, The University of Dhaka, Bangladesh , Medicine (2012)

STANFORD ADVISORS

- William Robinson, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Epstein-Barr virus reprograms autoreactive B cells as antigen-presenting cells in systemic lupus erythematosus**
  Younis, S., Moutusy, S., Rasouli, S., Jahanbani, S., Robinson, W.
  OXFORD UNIV PRESS.2026

- **Cytotoxic T cell recognition of α-synuclein drives pathogenic immune responses in multiple system atrophy.** *Proceedings of the National Academy of Sciences of the United States of America*
  Moon, J. S., Moutusy, S. I., Zhang, M., Ndayisaba, A., Rodriguez, D., El Kodsi, D. N., Kuzkina, A., Younis, S., Jahanbani, S., Dam, L. S., Courtney, Y., Netanel, A., Sharpe, et al
  2026; 123 (14): e2537271123

- **EBV reprograms autoreactive anti-CNS B cells as antigen presenting cells in multiple sclerosis.** *bioRxiv : the preprint server for biology*
  Younis, S., Rasouli, S., Loeffler, J. W., Sattarnezhad, N., Courtney, Y., Moutusy, S. I., Jahanbani, S., Pandit, M., Tomczak, A., Wong, H. H., Sharpe, O., Utz, P. J., Meffre, et al

2026

- **Epstein-Barr virus reprograms autoreactive B cells as antigen-presenting cells in systemic lupus erythematosus.** *Science translational medicine*
  Younis, S., Moutusy, S. I., Rasouli, S., Jahanbani, S., Pandit, M., Wu, X., Acharya, S., Sharpe, O., Wijeratne, T. U., Harris, M. L., Yang, E. Y., Chaichian, Y., Parsafar, et al
  2025; 17 (824): eady0210

- **Memory B Cell Activation and Dysregulation in Systemic Lupus Erythematosus**
  Younis, S., Moutusy, S., Jahanbani, S., Wu, X., Harris, M., Pandit, M., van Dam, L., Sharpe, O., Utz, P., Robinson, W.
  WILEY.2024: 3653-3655

- **Gut Microbiome-Related Anti-Inflammatory Effects of Aryl Hydrocarbon Receptor Activation on Inflammatory Bowel Disease** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
  Moutusy, S., Ohsako, S.
  2024; 25 (6)

PRESENTATIONS

- Characterizing dysregulated T cell response in multiple system atrophy - MSA International Congress 2025