

Stanford



Shamma Shakila Rahman

Postdoctoral Scholar, Human Gene Therapy

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Pre-doctoral Fellow, American Heart Association (2015-2017)
- Graduate Student of Distinction, University of Nebraska Medical Center (2015)
- Dean's Award for Academic Excellence, University of Dhaka (2013)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Nebraska Medical Center (2018)
- Master of Science, University Of Dhaka (2013)
- Bachelor of Science, University Of Dhaka (2012)

STANFORD ADVISORS

- Jennifer Frankovich, Postdoctoral Research Mentor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Immunological pathophysiology of Pediatric Acute-onset Neuropsychiatric Syndrome

LAB AFFILIATIONS

- Elizabeth Mellins (2/13/2018)

Publications

PUBLICATIONS

- **High Dimensional Analyses of Circulating Immune Cells in Psoriatic Arthritis Detects Elevated Phosphorylated STAT3.** *Frontiers in immunology* Macaubas, C., Rahman, S. S., Lavi, I., Haddad, A., Elias, M., Sengupta, D., Zisman, D., Mellins, E. D. 1800; 12: 758418
- **Pediatric Acute-onset Neuropsychiatric Syndrome (PANS) Is Characterized by a Novel Subset of Monocytes with Markers Associated with Crossing the Blood Brain Barrier (BBB)** Rahman, S., Gaertner, F., Houghton, J., Macaubas, C., Chan, A., Columbo, L., Frankovich, J., Mellins, E. WILEY.2020: 262–63

- **EHD4 is a novel regulator of urinary water homeostasis.** *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*
Rahman, S. S., Moffitt, A. E., Trease, A. J., Foster, K. W., Storck, M. D., Band, H., Boesen, E. I.
2017; 31 (12): 5217-5233

- **Outside the mainstream: novel collecting duct proteins regulating water balance** *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*
Rahman, S. S., Boesen, E. I.
2016; 311 (6): F1341-F1345