

Mahina Tabassum Mitul

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Education

Erasmus University Medical Center, Rotterdam, the Netherlands

2017 Research Masters Infection & Immunity

University of Dhaka, Bangladesh

2010 M.Sc. Biochemistry and Molecular Biology

University of Dhaka, Bangladesh

2009 B.Sc. Biochemistry and Molecular Biology

Cantonment Public School and College, Rangpur, Bangladesh

2005 H.S.C. Science

Employment Experience

Independent University, Bangladesh (IUB), Bashundhara, Dhaka

School of Life Sciences

Lecturer, April 2013- Present

International Center for Diarrhoeal Disease Research, Bangladesh (icddr); Mohakhali, Dhaka, Bangladesh

Nutritional Biochemistry Laboratory, Infectious Disease Division

Research Officer (May 2012- April 2013)

Research Experience

Erasmus University Medical Center, Rotterdam, the Netherlands

Laboratory of Pediatric Gastroenterology, Gastroenterology and Nutrition Division

Thesis student (Research Master) (December 2015-August 2017)

International Center for Diarrhoeal Disease Research, Bangladesh (icddr); Mohakhali, Dhaka, Bangladesh

Nutritional Biochemistry Laboratory, Infectious Disease Division

Thesis student (M.Sc.) (August 2010- February 2012)

Research

Title study: Phenotypical and functional changes of human antigen presenting cells in response to gliadin stimulation

Thesis student (Research Masters)
December 2015-August 2017

Title study: “Effect of vitamin D and phenylbutyrate in patients with pulmonary tuberculosis for improved clinical outcome and endogenous expression of antimicrobial peptide”

Thesis student (M.Sc.)
August 2010- February 2012

Title study: “The Effect of Antenatal Vitamin D Supplementation on Maternal, Fetal Vitamin D status and Neonatal Immune Function”

Research Officer
May 2012- April 2013

Title study: “Implications of Early Life Arsenic Exposure: Mother Infant Nutritional Intervention in Matlab (MINIMat) Follow-up study 9/10 years”

Research Officer
May 2012- April 2013

Training

- Laboratory animal science course (article9), EMC, Rotterdam , the Netherlands
- Training on Flow Cytometry, University of York, the UK
- Laboratory safety program module, Safe Laboratory design, General laboratory safety, waste management and Bio-safety and Bio-security; icddr,b
- Quantitative Real Time PCR and Fluorescence and Luminescence based ELISA machines, SLS, IUB

Honors/Awards

- I&I fund 2015-2017 to accomplish Research Masters in Infection & Immunity, Erasmus University Medical Center, Rotterdam, the Netherlands
- I&I travel grant for participating and presenting at the joint BSI/NVVI congress, Liverpool, the UK
- I&I travel grant for participating in Flow Cytometry course, University of York, the UK
- Fellowship 2011-2012 (M.Sc. Thesis); National Science and Information & Communication Technology (NSICT), Bangladesh

Conference Proceedings and Presentations

- M. Mitul, L.M.M. Costes, Y. Simons-Oosterhuis, H.C. Raatgeep, M. E. Joosse, S. Veenbergen, L.A. van Berkel, R.C.A. de Groot, W.W.J. Unger, J.N. Samsom “Role of human macrophage-mediated gluten degradation by lysosomal proteases and concomitant IL-27 production in inducing IL-10-secreting Tr1 cells.”
The joint BSI/NVVI congress, 6-9 December 2016, Liverpool, UK.
- M. Mitul, L.M.M. Costes, Y. Simons-Oosterhuis, H.C. Raatgeep, M. E. Joosse, S. Veenbergen, L.A. van Berkel, R.C.A. de Groot, W.W.J. Unger, J.N. Samsom “Role of human macrophages in gluten degradation and induction of gluten-specific tolerogenic T cells.”
21st Molecular Medicine day (MolMed day), 21 March 2017, Erasmus MC, Rotterdam, Netherlands
- Conference of the Bangladesh Society for Biochemistry and Molecular Biology (BSBMB); University of Rajshahi, 22-23 February, 2012