

Academic CV

Israt Jahan Mukti

Present Address:

House-75/A, Road-03,
Mohammadia Housing Ltd.
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EDUCATION

2004 - 2008: B.Sc. in Biotechnology and Genetic Engineering,

Biotechnology and Genetic Engineering Department,
University of Development Alternative, Bangladesh.

Thesis Title : Evaluation of commercially available probiotic on height, flowering and fruiting of okra (*Abelmoschus esculentus*).

Supervisor : **Professor Dr. Mohammed Rahmatullah**, Dean, Faculty of Life Sciences, University of Development Alternative, Dhaka-1209, Bangladesh.
Email- rahmatm@uoda.org

B.Sc. Courses: Bangladesh: Culture and Heritage, Computer Application, English, Introduction to Biotechnology, General Chemistry, General Microbiology, Organic Chemistry, Current Topics in Biotechnology, Mathematics, Biochemistry, Physics, Technology Transfer, Molecular Biology, Biometry, Cell Biology, Microbial Genetics & Advanced Microbiology, Plant Growth & Breeding, Animal Genetics & Breeding, Microbial Biotechnology, Food Biotechnology, Fish Biotechnology, Enzyme & Fermentation Biotechnology, Advanced Cell Biology, Molecular Immunology, Biochemistry & Molecular Basis of Disease, Animal Biotechnology, Advanced Molecular Biology, Plant Cell & Tissue Culture, Animal Cell & Tissue Culture, Plant Genetic Engineering, Molecular Biotechnology, Environmental Biotechnology, Bangladesh: Biotechnological Research & Prospects, Computational Biotechnology, Medicinal Chemistry, Biotechnology in Context, Gene Cloning & Gene Therapy, Graduate Research & Study (Thesis)

CGPA: 3.87 in the scale of 4.0

2000 - 2002: H.S.C, Science Group, Govt. Muminunessa Mohila College, Mymensingh, Bangladesh. [73.8% marks]

1995 - 2000: S.S.C, Science Group, Viddaymoi Girl's High School, Mymensingh, Bangladesh. [81.2% marks]

PUBLICATIONS

Review articles:

1. Mahbub-E-Sobhani, N Haque, ATMK Islam, U Salma, A Ahmed, **IJ Mukti** and AKMF Haque (2008). Brief Naturalistic Stressors Cause shift of TH1 to TH2 Cytokine Response and Increase Disease Susceptibility. *Biotechnology*, 7(4): 623-629.

2. Mahbub-E-Sobhani, N Haque, ATMK Islam, A Ahmed, U Salma, AKMF Haque and **IJ Mukti** (2008). Acute Time-Limited Stressors Cause Unnecessary Immune Stimulation. *Khulna University Studies*. (Submitted)

Research articles:

1. U Salma, MSM Rahman, S Islam, N Haque, TA Jubair, AKMF Haque and **IJ Mukti** (2008). The Influence of Different Hormone Concentration and Combination on Callus Induction and Regeneration of *Rauwolfia serpentina* L. Benth. *Pakistan Journal of Biological Sciences*, 11(12): 1638-1641.
2. TA Jubair, U Salma, N Haque, F Akter, **IJ Mukti**, AKMF Haque and MR Ali (2008). Callus Induction and Regeneration of Local Rice (*Oryza sativa* L.) Variety Topa. *Asian Journal of Plant Sciences*, 7(5): 514-517.

Abstract:

1. A.K.M. Fahmidul Haque, **Israt Jahan Mukti**, Syed Zafar Sadeque, Md. Ariful Haque Mollik, and Mohammed Rahmatullah (2008). Evaluation of Commercially Available Probiotic on Height, Flowering and Fruiting of Capsicum (*Capsicum frutescens*) and Okra (*Abelmoschus esculentus*). *Research Journal of Biotechnology, Special Issue for 1st International Society Biotechnology Conference: Page No-52*.
2. **Israt Jahan Mukti**, A.K.M. Fahmidul Haque, Md. Ariful Haque Mollik, Majeedul H. Chowdhury, Rownak Jahan and Mohammed Rahmatullah (2008). Medicinal Plants of Netrakona Sadar area in Netrakona District, Bangladesh. *Research Journal of Biotechnology, Special Issue for 1st International Society Biotechnology Conference: Page No-55*.
3. Md. Ariful Haque Mollik, Azmal Ibna Hassan, Md. Badsha Foisal, **Israt Jahan Mukti**, A.K.M. Fahmidul Haque, Kanta Parvin and Mohammed Rahmatullah (2009). Medicinal Plants Used by the Garo Tribe, Bangladesh to Treat Diabetes Mellitus. *20th World Diabetes Congress will be held on October 18th to 22nd, 2009, Canada. (Accepted)*

CONFERENCE

Presented a poster on the 1st International Society Biotechnology Conference-2008 held in Sikkim Manipal Institute of Technology, Gangtok, Sikkim, India. 28th to 30th December, 2008.

Title: Medicinal Plants of Netrakona Sadar area in Netrakona District, Bangladesh.

Web Address: www.chemenviron.org

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LANGUAGE PROFICIENCY

Bengali : Native Language.

English : The medium of instruction in the undergraduate & graduate program was English. All lectures, report writings, presentations and examinations are conducted in English.

PERSONAL PROFILE

Parents Name : Md. Abubakr Siddique, Rahima Siddique
Permanent Address : House No- 72, Chandipasha Abashik Alaka, Natun Bazar, P.S.-Nandail,
District -Mymensingh, Bangladesh.
Nationality : Bangladeshi (By Birth)
Date of Birth : October 06, 1985
Religion : Islam
Marital Status : Single
Sex : Female
Blood Group : AB⁺ve

REFERENCES

i. Dr. Rownak Jahan

Professor,
Department of Biotechnology and genetic Engineering,
University of Development Alternative,
Dhaka-1209, Bangladesh.
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ii. Professor Dr. Anisur Rahman

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iii. Mohammad Shohel Rana Siddiki,

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Department of Dairy Science,
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Certified all above the information's stated here are true and correct to the best of my knowledge and belief.

Israt Jahan Mukti

Date: