

## Md Mahamudul Alam

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### Education

#### MSc in Protein Science and Biotechnology

2015-2018

University of Oulu, Finland

Result: 4.00 out of 5.00(Very Good)

#### Bachelor of Pharmacy (Honors)

2009-2013

East West University, Dhaka, Bangladesh

**Result:** 3.97 out of 4.00 (Summa cum laude)

### Professional Experience

Title of position	Job Type	Job Length	Name of the Organization
<b>Officer, Quality Control</b>	Full Time	01/08/2011 to 30/12/2013	<b>Incepta Pharmaceutical Limited, Bangladesh</b>
<b>Executive, Research and Development (GRC)</b>	Full Time	01/01/2014 to 25/07/2015	<b>Eskayef Bangladesh Limited</b>
<b>Research Assistant, University of Oulu, Finland</b>	Part Time	05/12/2015 to 29/12/2016	<b>Biocentre Oulu, Finland</b> (Medicinal Chemistry Lab & Developmental Biology Lab)
<b>Erasmus Mundus Research Fellow, Leibniz Institute on Aging, Germany</b>	Full Time	01/01/2017 to 31/07/2017	<b>Leibniz Institute on Aging - Fritz Lipmann Institute (FLI), Germany</b>

### Research experience:

- Experienced in culture different human cancer cell line as well as mouse embryonic fibroblasts.
- Flow cytometry for the analysis of cell cycle and DNA damage response
- Protein expression, purification and characterization
- Experienced in Western blot analysis, e.g. to study mTORC1 and DNA damage signaling
- Isolation and characterization of bioactive molecules from Plant. I performed vacuum liquid chromatography, column chromatography and thin layer chromatography, to isolate and purification of active principle from plant.
- IR and UV Spectroscopy, High-Performance Liquid chromatography for analysis of percent content of a compound isolated from plant.

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**Research publication (s)**

1. Mohammad Al-amin, K Md Mahabubur Rahman, Aurin Sarker, **Md Mahamudul Alam**, Mahamudul Hassan Chowdhury, Shamsun Nahar Khan, Gazi Nurun nahar Sultana and Chowdhury Faiz Hossain. Analgesic principle from *Curcuma amada*. Journal of Ethnopharmacology

**References****Dr. Helmut Pospiech**

Adjunct Professor

University of Oulu, Finland

and

Head Project group Biochemistry

Leibniz Institute on Aging-FLI

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