

Curriculum Vitae

PERSONAL INFORMATION

MILON MONDAL

Assistant Professor

Department of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science and Technology
University, Gopalganj, Dhaka-8100

Cell Phone No: +8801759814389

Email: milon_mondal@bsmrstu.edu.bd

Orcid id: 0000-0002-9128-7195

Google Scholar: <https://scholar.google.com/citations?user=QoB1-20AAAAJ&hl=en>

- **PERSONAL STATEMENT**

I had only a glimmer of what a scientist might offer humanity, but it was enough to pique my interest in becoming one. I genuinely desire to get accepted into a reputable program that will provide me with a solid foundation for training, learning, and acclimating to the research area, as well as serve as a guide for the remainder of my career as a researcher.

- **HIGHLIGHTS**

- Academic Results (MS in Pharmaceutical Sciences 3.79, B. Pharm: 3.79)
- IELTS (overall band): 7.0
- First authored publication number: 10
- Total publications: 20
- Citations: 376 (h-index:11)

- **EDUCATION**

Date

12/04/2018 MS in Pharmaceutical Science

Department of Pharmacy, Jahangirnagar University, Bangladesh

Grade: GPA 3.79 on a scale of 4.00

Title of Master Degree Thesis: Bioactive Compounds Identification and Ethnopharmacological
Investigation of *Bridelia tomentosa* & *Marsdenia tenacissima*

Supervisor of Master Degree Thesis: Professor Dr. Sukalyan Kumar Kundu

Date

07/03/2016 Bachelor of Pharmacy

Department of Pharmacy, Jahangirnagar University, Bangladesh

Grade: cGPA 3.79 on a scale of 4.00

Date

25/07/2009 Higher Secondary Certificate

Khulna Public College, Board of Intermediate and Secondary Education, Jashore,
Bangladesh

Grade: GPA 5.00 on a scale of 5.00

• **OTHER TRAINING**

Date Basic Training on Biotechnology
24/12/2014 National Institute of Biotechnology, Bangladesh
Date In-Plant Pharmaceutical Training
03/10/2015 Eskayef Pharmaceuticals Bangladesh Ltd., Bangladesh
Date Advanced training on High-Performance Liquid Chromatography
28/07/2018 Wazed Miah Science Research Centre, Jahangirnagar University, Bangladesh
Date Outcome Based Education Training Program
29/03/2021 IQAC, Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh

• **CURRENT POSITION(S)**

Dates
24/04/2021 - Assistant Professor
Till Now Department of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh

• **PREVIOUS RESEARCH AND PROFESSIONAL POSITION(S) / PARTICIPATION TO RESEARCH GROUPS**

Dates
23/04/2018 - Lecturer
23/04/2021 Department of Pharmacy, Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Bangladesh
Dates
08/06/2017 - Lecturer
22/04/2018 Department of Pharmacy, Ranada Parasad Shaha University, Bangladesh

• **FELLOWSHIP(S)**

2018, 2019 – Research and Development Projects, Ministry of Science and Technology, Country, Bangladesh
2016 – National Science and Technology Fellowship, Ministry of Science and Technology, Country, Bangladesh

• **AWARDS AND PRIZES**

2016 – Jahangirnagar University Merit Scholarship, Jahangirnagar University, Bangladesh
2012, 2013- Bangladesh Pharmaceutical Society Scholarship, Bangladesh Pharmaceutical Society, Bangladesh

• **PRESENTATION OF PAPERS, POSTER, GIVEN SPEECHES AT CONFERENCES AND SEMINARS**

29/02/2020 Toxic effects of carbofuran and combating role of polyphenol extract of *Citrus medica* L. fruits, PSE-NPS 2020 Summit, Khulna University, Bangladesh

15/04/2016 Analgesic and anti-inflammatory studies and Molecular docking of *Eucalyptus camaldulensis* derived phytochemicals with COX-2 enzymes, Pharma Fest 2-16, North South University, Bangladesh

- **LANGUAGE SKILLS**

Native speaker: Bengali

Other language(s): English

Level of competence: IELTS (Academic) **Overall band score-7.0** (Listening 7.5, Reading 8.0, Speaking 6.0, Writing 6.0)

- **SOFT SKILLS**

President, Sanatan Student Association, Mir Mosharraf Hossain Hall, Jahangirnagar University, 2015-2016

Research Associate, Laboratory of Natural Products Research, Department of Pharmacy, Jahangirnagar University, 2012-2015

Research Associate, Focused Research on Ayurvedic Medicine and Education Laboratory, Department of Pharmacy, Jahangirnagar University, 2015-2017

Member of Badhan (Voluntary Blood Donating Organization), Jahangirnagar University, 2011-2015

PUBLICATION LISTS

1. **Milon Mondal**, Sushmita Saha, Chandan Sarkar, Md Sakib Hossen, Md Solayman Hossain, Abul Bashar Ripon Khalipha, Md Fokhrul Islam et al. "Role of *Citrus medica* L. Fruits Extract in Combatting the Haematological and Hepatic Toxic Effects of Carbofuran." Chemical Research in Toxicology (2021), [doi:10.1021/acs.chemrestox.1c00166](https://doi.org/10.1021/acs.chemrestox.1c00166).
2. **Milon Mondal**, Sukalyan Kumar Kundu, Muhammad Torequl Islam, Željko Reiner, Miquel Martorell, and Javad Sharifi-Rad. "Protective effect of *Bridelia tomentosa* due to its phenolic acids and flavonoids against oxidative stress-mediated hepatic toxicity induced by carbofuran." South African Journal of Botany 141 (2021): 447-456.
3. **Milon Mondal**, Md. Sakib Hossen, Mohammad Asikur Rahman, Sushmita Saha, Chandan Sarkar, Nikhil Chandra Bhoumik, Sukalyan Kumar Kundu. "Antioxidant mediated protective effect of *Bridelia tomentosa* leaf extract against carbofuran induced oxidative hepatic toxicity". Toxicology Reports. <https://doi.org/10.1016/j.toxrep.2021.07.003>.
4. **Milon Mondal**, Cristina Quispe, Chandan Sarkar, Tapash Chandra Bepari, Md Jahir Alam, Sushmita Saha, Pranta Ray et al. "Analgesic and Anti-Inflammatory Potential of Essential Oil of *Eucalyptus camaldulensis* Leaf: In Vivo and in Silico Studies." Natural Product Communications 16, no. 4 (2021): 1934578X211007634.
5. **Milon Mondal**, Chandan Sarkar, Sarmin Jamaddar, Abul Bashar Ripon Khalipha, Muhammad Torequl Islam, Azmi Mahafzah, and Mohammad S. Mubarak. "Evaluation of the Binding Affinity of Anti-Viral Drugs against Main Protease of SARS-CoV-2 through a Molecular Docking Study." Infectious Disorders Drug Targets (2020).
6. **Milon Mondal**, Md Monir Hossain, Md Rakib Hasan, Md Towhidul Islam Tarun, Md Al Foyjul Islam, M. S. K. Choudhuri, Muhammad Torequl Islam, and Mohammad S. Mubarak. "Hepatoprotective

- and antioxidant capacity of *Mallotus repandus* ethyl acetate stem extract against D-galactosamine-induced hepatotoxicity in rats." ACS omega 5, no. 12 (2020): 6523-6531.
7. **Milon Mondal**, Md Monir Hossain, Mohammad Asikur Rahman, Sushmita Saha, Nizam Uddin, Md Rakib Hasan, Abdul Kader et al. "Hepatoprotective and antioxidant activities of *Justicia gendarussa* leaf extract in carbofuran-induced hepatic damage in rats." Chemical research in toxicology 32, no. 12 (2019): 2499-2508.
 8. **Milon Mondal**, Md Monir Hossain, Nittananda Das, Mohammad Asikur Rahman, Nizam Uddin, Md Rakib Hasan, Md Jahir Alam, Md Nurul Islam, Tania Binte Wahed, and Sukalyan Kumar Kundu. "Investigation of bioactivities of methanolic and ethyl acetate extracts of *Dioscorea pentaphylla* leaf along with its phenolic composition." Journal of Food Measurement and Characterization 13, no. 1 (2019): 622-633.
 9. **Milon Mondal**, Sushmita Saha, Monir Hossain, Islam Al Foyjul, Chandan Sarkar, Soleyman Hossain, Abul Bashir Ripon Khalipha, and Sukalyan Kumar Kundu. "Phytochemical profiling and evaluation of bioactivities of methanolic and ethyl acetate extracts of *Marsdenia tenacissima* leaves." Journal of Herbs, Spices & Medicinal Plants 26, no. 4 (2020): 405-422.
 10. **Milon Mondal**, Md Soleyman Hossain, Nittananda Das, Abul Bashir Ripon Khalipha, Arghya Prosun Sarkar, Md Tarikul Islam, Shanita Zaman Smrity, Sajal Biswas, and Sukalyan Kumar Kundu. "Phytochemical screening and evaluation of pharmacological activity of leaf Methanolic extract of *Colocasia affinis* Schott." Clinical Phytoscience 5, no. 1 (2019): 1-11.
 11. Chandan Sarkar, **Milon Mondal**, Bilkis Khanom, Md Hossain, Antoni Sureda, Muhammad Torequl Islam, Miquel Martorell et al. "*Heliotropium indicum* L.: From Farm to a Source of Bioactive Compounds with Therapeutic Activity." Evidence-Based Complementary and Alternative Medicine 2021 (2021).
 12. Sarkar, Chandan, **Milon Mondal**, Muhammad Torequl Islam, Miquel Martorell, Anca Oana Docea, Alfred Maroyi, Javad Sharifi-Rad, and Daniela Calina. "Potential therapeutic options for COVID-19: current status, challenges, and future perspectives." Frontiers in pharmacology 11 (2020): 1428.
 13. Wahed, Tania Binte, **Milon Mondal**, Mohammad Asikur Rahman, Md Sakib Hossen, Nikhil Chandra Bhoumik, Sushmita Saha, E. M. Tanvir et al. "Protective role of *Syzygium Cymosum* leaf extract against carbofuran-induced hematological and hepatic toxicities." Chemical research in toxicology 32, no. 8 (2019): 1619-1629.
 14. Md Monir Hossain, **Milon Mondal**, Md Parvez Hossain, Md Shafiq Uddin, Nizam Uddin, Md Mahadi Hasan, Md Sazzad Hossain, AFM Mahmudul Islam, and Md Sohel Rana. "In vitro antioxidant, brine shrimp lethality and antimicrobial activities of methanol and petroleum ether

- extracts of *Cassia renigera* fruit." Journal of Food Measurement and Characterization 9, no. 1 (2015): 68-75.
15. Md Monir Hossain, **Milon Mondal**, Rayhan Uddin Morad, Nizam Uddin, Abhijit Das, Md Sazzad Hossain, Mohammad Mostafa Kamal, Md Fokhrul Islam, Tania Binte Wahed, and Mohammed Motaher Hossain Chowdhury. "Evaluation of bioactivities of methanol and petroleum ether extracts of *Cassia renigera* seed." Clinical Phytoscience 4, no. 1 (2018): 1-10.
16. Chandan Sarkar, Mohnad Abdalla, **Milon Mondal**, Abul Bashir Ripon Khalipha, and Nasir Ali. "Ebselen suitably interacts with the potential SARS-CoV-2 targets: an in-silico approach." Journal of Biomolecular Structure and Dynamics (2021): 1-16.
17. Chandan Sarkar, Sarmin Jamaddar, Tawhida Islam, **Milon Mondal**, Muhammad Torequl Islam, and Mohammad S. Mubarak. "Therapeutic perspectives of the black cumin component thymoquinone: A review." Food & Function (2021).
18. Chandan Sarkar, Cristina Quispe, Sarmin Jamaddar, Rajib Hossain, Pranta Ray, **Milon Mondal**, Zeinab Abdulwanis Mohamed et al. "Therapeutic promises of ginkgolide A: A literature-based review." Biomedicine & Pharmacotherapy 132 (2020): 110908.
19. Islam, Muhammad Torequl, Cristina Quispe, Md Amirul Islam, Eunus S. Ali, Sushmita Saha, Umma Hafsa Asha, **Milon Mondal** et al. "Effects of nerol on paracetamol-induced liver damage in Wistar albino rats." Biomedicine & Pharmacotherapy 140 (2021): 111732.
20. Daniela Calina, Chandan Sarkar, Andreea Letitia Arsene, Bahare Salehi, Anca Oana Docea, **Milon Mondal**, Muhammad Torequl Islam, Alireza Zali, and Javad Sharifi-Rad. "Recent advances, approaches and challenges in targeting pathways for potential COVID-19 vaccines development." Immunologic research (2020): 1-10.

REFERENCE

Referee 1

Name: Dr. Sukalyan Kumar Kundu
Designation: Professor
Department: Pharmacy
Institute: Jahangirnagar University, Savar, Dhaka-1342, Bangladesh
Mobile: +8801731291468
Email: skk415@juniv.edu

Referee 2

Name: Dr. Md. Nur Alam
Designation: Associate Professor
Department: Pharmacy
Institute: Jahangirnagar University, Savar, Dhaka-1342, Bangladesh
Mobile: +8801742253040
Email: mdnur_kajal@juniv.edu

Referee 3

Name: Md. Fokhrul Islam
Designation: Associate Professor
Department: Pharmacy
Institute: Jahangirnagar University, Savar, Dhaka-1342, Bangladesh
Mobile: +8801778447711
Email: fokhrulislam@juniv.edu