

Md. Abu Monsur Dinar

Citizenship: Bangladeshi, Date of birth: February 15, 1988
Mailing address: Room no. 305, Square's Bachelor Quarter,
Board Ghar bazar, Kaliakhoir, Gazipur, Dhaka.
Contact- +8801731968558, E-mail: dinarbgc@gmail.com



OBJECTIVE: Pursue doctoral study in versatile field of Chemistry.

EDUCATION:

Master of Clinical Pharmacy & Molecular Pharmacology (Duration: 01 & half years) June, 2012

cGPA: 3.76/4.00 (Top 5%), East West University

Coursework: Advanced Pharmacology, Neuropharmacology, Clinical Pharmacy, Biostatistics
Molecular Biology & Biotechnology, Clinical Toxicology, Drug use Management, Research.

Bachelor of Pharmacy (Duration: 04 years) December, 2010

cGPA: 3.69/4.00 (3rd position in class), BGC Trust University Bangladesh

MASSIVE OPEN ONLINE COURSEs (MOOCs):

1. Introduction to System Biology by *Icahn School of Medicine at Mount Sinai* **June 06, 2016**
 2. Medicinal Chemistry: Molecular basis of Drug Discovery by *Davidson College* **Audit track (86%mark)**
 3. Drug Discovery, Development & Commercialization by *Uni. of California, San Diego* **January 14, 2015**
 4. Clinical Terminology for International and U.S.Students by *University of Pittsburgh* **September 18, 2014**
 5. Understanding Research Methods by *University of London* **July 27, 2014**
 6. Chemistry of Life by *Kyoto University* **July 25, 2014**
 7. University Teaching by *Johns Hopkins University* **May 05, 2014**
 8. Fundamentals of Clinical Trials by *Harvard University* **February 17, 2014**
 9. Vaccines by *University of Pennsylvania* **November 26, 2013**
 10. Case Based Introduction to Biostatistics by *Johns Hopkins University* **September 02, 2013**
-

PROFESSIONAL EXPERIENCE:

More than 05 years

Executive, Stability, Quality Operations, Square Pharmaceuticals Ltd. 15 March, 2012 – Present

- Study drug quality and drug degradation pattern to optimize formulation.
- Lead as Supervisor and Data Reviewer in the analytical laboratories.
- Face regulatory audits and completed US-FDA, UK-MHRA, TGA-Australia, WHO audits successfully.
- Practical experience at wet chemistry technique in analysis ranging from raw materials to finished products.
- Competent in laboratory animal handling and DNA & Protein isolation.
- Hands on experience in analysis of biotech drug Insulin, Enoxaparin Na and on gel electrophoresis.
- Expert in all major HPLC system and software of Waters, Dionex, Agilent & Shimadzu brand.
- Skilled in all major analytical instruments like AAS, GC, FTIR, LC-MS, ICP-MS etc.
- Prepare protocol, SOP & EOP (Standard/Equipment Operating procedure) and conduct training.
- Familiar with XRD and on Western Blot techniques in the analysis of Erythropoietin.

Part-Time Faculty:- Course: In-Plant Training (Credit Hr- 1.5), Dept of Pharmacy, BGC Trust University Bangladesh (During- January to June'16 session).

Graduate Teaching Assistant (GTA), East West University 25 January, 2012 - 14 March, 2012

- Helped prepare the study materials, constructed quiz and invigilated in exam hall as instructed by faculty.
- Worked with students about problems related to course and clarified materials.
- Reviewed lab experiment beforehand, conducted one lab class and evaluated student's lab work.

HONORS:

- Awarded **Merit Scholarship** based on the academic result at the undergrad.
- Awarded 3rd prize in “**Essay Competition**” in occasion of ‘World Environment Day’ organized by Department of Environment, People’s Republic of Bangladesh.

PUBLICATION:

1. Hossain MM, Kabir MSH, Dinar MAD, Arman MS, Rahman MM, Hosen SZ, Dash R, Uddin MM. **Antidiarrheal and antinociceptive activities of ethanol extract and its chloroform and pet ether fraction of *Phrynium imbricatum* (Roxb.) leaves in mice.** *J Basic Clin Physiol Pharmacol.* 2017 Sep 26;28(5):483-92. doi: 10.1515/jbcpp-2015-0165. PMID: 28771432.
2. Kabir MSH, Dinar MAD, Hossain MM, Noman MAA, Zaheed F, Hossain MR, Hasanat A, Dash R, Rahman MM, Hosen SMZ. **Effects of Ethanol Extract and its Different Fractions of *Phrynium imbricatum* (Roxb.) Leaves on *In Vitro* Anthelmintic and their Condensed Tannin Content.** *Pharmaceutical Analytical Chemistry Open Access 1: 109.* doi:10.4172/paco.1000109
3. Dash R, Uddin MMN, Hosen SMZ, Rahim ZB, Dinar AMD, Kabir MSH, Sultan RA, Islam A, Hossain MK. **Molecular docking analysis of known flavonoids as dual COX-2 inhibitors in the context of cancer.** *Bioinformation.* 2015; 11(12):543. ISSN: 0973-2063 (online) 0973-8894 (print), PMID: 26770028, PMCID: PMC4702032
4. Saha RK, Dinar MA, Nabila KA, Roy P. **HPLC analysis and cell surface receptor binding activities of the crude aqueous and methanolic extract of *Sesamum indicum*.** *Asian Pac J Trop Biomed.* 2014; 31;4:S516-20. PMC ID: PMC4025305
5. Biswas SK, Chowdhury A, Das J, Karamkar UK, Raihan SZ, Das AC. **Phytochemical investigation and chromatographic evaluation with antimicrobial and cytotoxic potential of *Cuscuta epithymum*.** *Int J Pharm.* 2012 Jul 1;8:422-7. ISSN: 1811-7775
6. Das J, Mannan A, Rahman MM, Dinar MA, Uddin ME, Khan IN, Habib MR, Hasan N. **Chloroform and ethanol extract of *Spondias pinnata* and its different pharmacological activity like-antioxidant, cytotoxic, antibacterial potential and phytochemical screening through in-vitro method.** *Int J Res Pharmaceut Biomed Sci.* 2011;2(4):1806-12. ISSN: 2229-3701

ARTICLE IN BANGLADESHI NEWSPAPER:

1. Impact of polypharmacy on health. 9 May’2011 on The Independent.
2. Nanotechnology in Drug, A Promising Future in Medical Science. 22 Nov’2010, The Independent.
3. Alarming threats of drug resistant NDM-1 Superbug. Is Bangladesh safe? 27 Sep’2010, The Independent.
4. Adverse effects of Yaba; is not time to be aware of drug addiction? 6 Sep’2010, The Independent.
5. Free radicals and its far-reaching impact on health.1 May’2010, The Daily Star.
6. How to memories things better.10 Apr’2010, The Daily Star and many more.

WORKSHOP/SEMINAR:

1. Workshop on “**Solutions by One Agilent**” on November 14, 2017 at Square Pharmaceuticals Ltd., Dhaka Unit held jointly by Agilent Technologies & Chrom World Bangladesh Ltd.
2. Workshop on “**Computational tools for Cancer research**” on February 26-27, 2016 at Molecular Modeling and Drug Design Laboratory, Bangladesh Council of Scientific and Industrial Research, Chittagong.

3. Seminar on “**ProntoSIL HPLC Column & HPLC Troubleshooting**” on August 20, 2013 at Centre for Advanced Research in Science (CARS), University of Dhaka organized by Bichoff Chromatography, Germany.
 4. International Symposium on “**Pharmaceutical Science: A Global Approach**” on 26 February, 2013 organized by University of Science & Technology, Chittagong (USTC).
 5. Presentation on “**Adventures of New Drug Discovery from Natural Products for Unmet Therapeutic Need**” by Dr. Chowdhury Faiz Hossain, Life member of AAA, Chairperson, Department of Pharmacy, East West University on 26 January, 2013 at American Alumni Association (AAA).
 6. Seminar on “**Safety, Health and Environment Issues of Pharmaceutical Industries**” on 13 October, 2011 organized by East West University.
 7. Workshop on “**Current Pharmaceutical Practice: Bangladesh perspective**” on 7 April, 2011 organized by East West University.
 8. Seminar on “**Pharmacy Education and pharmaceutical Industry; current scenario and future trends**” on 15 November, 2009 organized by BGC Trust University Bangladesh.
-

APTITUDE TESTs:

- **GRE** General Test Score: **305**(Quant-155, Verbal-150, AWA-3.0)
 - **TOEFL: 90** (Reading-25, Listening -21, Speaking-22, Writing-22)
-

EXTRACURRICULAR ACTIVITIES:

- **Research Associate, GUSTO-** A Research Group, Chittagong, Bangladesh.
 - Worked with **British Council** at “Education UK Exhibition 2011” as Student Volunteer and many more.
 - Active member of ‘**Raozan Club**’ - a social welfare organization which organizes free medical treatment campaign, Blood donation, helping to victim of natural disaster like flood victims, winter cloth distribution etc.
 - Involved with organizing different functional & cultural programs at university
-

PROFESSIONAL MEMBERSHIP:

- **A- Grade Registered Pharmacist** (Registration No. **A-8163**) by Pharmacy Council of Bangladesh.
 - Member of **Pharmacist Association of Chittagong (PAC)**.
 - Organizing Member of **BGC Trust University Pharmacy Alumni Association (BPAA)**.
-

HOBBIES:

- Travelling, Reading Novels, Watching movies.
 - Doing humanitarian work.
-