

# CURRICULUM VITAE

## MD. SANOWAR HOSSAIN

Road No-07, Block-GA, Monsurabad Residential Area, Pabna Sadar, Pabna-6600, Bangladesh.

Phone: +8801717118862

Email: [sumon.pharmacy.ru@gmail.com](mailto:sumon.pharmacy.ru@gmail.com)

Google scholar: <https://scholar.google.com/citations?user=0KE8PukAAAAJ&hl=en>

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### EDUCATION

- 2012            Master of Pharmacy (M. Pharm.; Thesis Group)  
Department of Pharmacy, University of Rajshahi, Bangladesh.  
CGPA: 3.68 (out of 4.0)
- 2011            Bachelor of Pharmacy (B. Pharm.)  
Department of Pharmacy, University of Rajshahi, Bangladesh.  
CGPA: 3.54 (out of 4.0)

### RESEARCH EXPERIENCE

- 2012-2013    **M. Pharm. thesis research (Duration: 01 year)**  
Thesis Title: Oxidative stress and antioxidant activity of *Ficus hispida* Linn. fruits in hyper-lipidemia induced rats.  
Thesis supervisor: Dr. Ekramul Islam, Professor  
Phytochemistry and Pharmacology Laboratory, Department of Pharmacy, University of Rajshahi, Bangladesh.
- 2016-  
Present        **Current lab based research (March, 2021 to present)**
- Investigation of novel anti-infective compounds against some resistant microorganism from some traditionally used medicinal plants of Bangladesh.
- Other lab based researches (as group member)**
- Evaluation of *Leea rubra* leaf extract and isolated compound for oxidative damage protection and antitumor and antimicrobial potential.
  - Evaluation of anti-inflammatory and anti-neoplastic activity of the extract and isolated compounds from stem bark of *Magnolia champaca* Linn.
- Survey research titles:**
- Female reproductive health: a scenario of northern Bangladesh.
  - Knowledge, practice & patient behavior regarding the health issues in northern region of Bangladesh: a cross sectional study.
  - Health and Social status of elderly in northern region of Bangladesh.
  - A survey of dental disease in outpatients of Rajshahi district, Bangladesh.
  - Health Awareness and Practice of the Undergraduate Students in Pabna University of Science and Technology, Bangladesh.
  - General Perception, Practice and Health Awareness of the Common People Regarding Covid-19 Pandemic in Bangladesh.

## PUBLICATIONS

### Journal Publications

- i) Nibedita Das, **Sanowar Hossain**, Jaytirmoy Barmon, Shahnaj Parvin, Mahadi Hasan, Masuma Akter, and Ekramul Islam. Evaluation of *Leea rubra* Leaf Extract for Oxidative Damage Protection and Antitumor and Antimicrobial Potential. *Journal of Tropical Medicine*; Vol- 2021, Article ID: 7239291, <https://doi.org/10.1155/2021/7239291>. (2021).
- ii) GM Masud Parvez, **Sanowar Hossain**, Sabiha Akter, Moniruzzaman, Shahriar Nur, Al-Amin, Razia Sultana, Ashik Mosaddik. Nature, Cause & Management Strategies of Respiratory Complication in Northern Regions (Rajshahi) of Bangladesh: A cross-sectional health survey. *International Journal of Research in Pharmacy and Pharmaceutical Sciences*; 6(3), 1-7 (2021).
- iii) Sanjay Dutta, **Sanowar Hossain**, Ekramul Islam, Uzzal Haque and Shahnaj Parvin. Assessment of Antioxidant and Anti inflammatory Activities of Stem Bark of *Bauhinia acuminata* Linn. *Biomedical Journal of Scientific & Technical Research*; 24(5), 18517-18527 (2020).
- iv) **Sanowar Hossain\***, Md. Momit Hasan, Raihan Ahmed, Mina Khanom, Md. Alamin and Md. Towhidul Islam. General Perception, Practice and Health Awareness of the Common People Regarding Covid-19 Pandemic in Bangladesh. *International Journal of Pharmacy and Pharmaceutical Research*. 19(2), 238-252 (2020).
- v) **Sanowar Hossain\***, G.M. Masud Parvez, Md. Golam Rabbani, Ranjan Kumar Sarkar, Sadia Tasnim, Sadia Sultana Shammi, Farjana Yesmin, Nirupama Thandar, Adity Roy, Sheuli Khatun, Shaila Sharmin, Shahira Sultana, Ashique-Ur-Rahman, Sk. Tanshia Taznin and Fatema Tuz Zahura. Health Awareness and Practice of the Undergraduate Students in Pabna University of Science and Technology, Bangladesh. *World Journal of Pharmacy and Pharmaceutical Sciences*. 9(9), 170-181 (2020).
- vi) **Sanowar Hossain\*** and G.M. Masud Parvez. Female reproductive health: a scenario of northern Bangladesh. *Pabna University of Science and Technology Studies*. 4(2), 1-6 (2020). (Printed version)
- vii) GM Masud Parvez\*, **Sanowar Hossain**, Khalekatun Murtuza, Sumsun Nahar Priya, Tagar Chandra, Sadia Sokhi, Rifa Sanzida, Madon Kumar, Hafiza khatun, Md Nazmul Islam, Md Arafatuzzaman, Md Mahee Anam, Rohima Khatun, Md Alamgir Hossain. A survey of dental disease in outpatients of Rajshahi district, Bangladesh. *International Journal of Dental Sciences*. 2(3), 18-23 (2020).
- viii) **Sanowar Hossain**, Shahnaj Parvin, Sanjay Dutta and Ekramul Islam. Lipid lowering and antioxidant activities of methanolic extract of *Ficus hispida* Linn. fruits in cholesterol fed rats. *Journal of Scientific Research*. 10 (3)303-314 (2018).
- ix) **Sanowar Hossain**, Samaun Rashid, Radwanul Akbar Ranga, Nuzhat Tasnim Amin, Rabaka Sultana, Jannatul Farhana, Anjira Ohomina Jannat, Nishat Tasnim Akhter, Umme Farzana Zahan, Abdul Mannan, Khairul Islam and G.M. Masud Parvez. Knowledge, practice & patient behavior regarding the health issues in northern region of Bangladesh: a cross sectional study. *The Journal of Medical Research*. 4(4) 186-191 (2018).

- x) **Sanowar Hossain**, Shahnaj Parvin, Sanjay Dutta, M. S. I. Mahbub and Ekramul Islam. Studies on in vitro antioxidant activity of methanolic extract and fractions of *Ficus hispida* Lin. fruits. *Journal of Scientific Research*. 8 (3), 371-380 (2016).
- xi) **Sanowar Hossain**, Shahnaj Parvin, Sanjay Dutta, Khairul Islam, Monika Rani Saha and Ekramul Islam. 'Evaluation of antimicrobial activities of methanolic extract and fractions of *Ficus hispida* Linn. Fruits'. *International Journal of Phytopharmacology*; 5(5), 390-393 (2014).

### **Submitted Papers**

- i) Mahadi Hasan, Masuma Akter, **Sanowar Hossain**, Shahnaj Parvin, Aziz Abdur Rahman and Ekramul Islam\*. Anti-inflammatory and antineoplastic activity of the extract and isolated compounds from stem bark of *Magnolia champaca* Linn. *Future Journal of Pharmaceutical Sciences*. (Under Review)
- ii) Nibedita Das, Shahnaj Parvin, Mahadi Hasan, Masuma Akter, **Md Sanowar Hossain**, Md. Masud Parvez, Asish Kumar Sarkar, Md. Aziz Abdur Rahman, Al Mamun and Ekramul Islam\*. A flavone from the ethyl acetate extract of *Leucaena leucophylla* leaves with DNA damage protection and antineoplastic activity. *Biochemistry and Biophysics Reports*. (Under Review)

### **Conference Publications (Abstract and Poster)**

- i) Health status of elderly in the northern region of Bangladesh. *Translational research in biochemistry for better life and sustainable development*. Organized by Department of Biochemistry and Molecular Biology, University of Rajshahi; 4 September, 2018.
- ii) Knowledge and practice on health issue in the northern region of Bangladesh: A cross sectional health study. *Translational research in biochemistry for better life and sustainable development*. Organized by Department of Biochemistry and Molecular Biology, University of Rajshahi; 4 September, 2018.

### **JOB EXPERIENCE**

#### **Teaching Experience**

2019- Present	Lecturer Department of Pharmacy, Pabna University of Science and Technology, Bangladesh
2019 (March-June)	Assistant Professor Department of Pharmacy, Varendra University, Bangladesh
2015-2019	Lecturer Department of Pharmacy, Varendra University, Bangladesh
2012-2013	Lecturer Department of Pharmacy, Prime Institute of Medical Technology, Rajshahi, Bangladesh.

#### **Other Job Experience**

2014-2015	Product Executive ACI Pharmaceuticals Limited, Bangladesh
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## **TRAINING**

- 2012 A three weeks in-plant training at Beximco Pharmaceuticals Limited, Bangladesh on Production Planning, Solid Production, Research and Development, Quality Control , Liquid Production, Sterile Manufacturing, Training etc.
- 2014 Several training programs on developing professionalism, TOT, Computer proficiency, effective training method etc. during job at ACI Pharmaceuticals Ltd.
- 2015 Week long training on 'Use of Real Time PCR' at BCSIR laboratory, Rajshahi.

## **WORKSHOP AND SEMINAR**

- 2010 Workshop on Cardiac resuscitation and rehabilitation in TMSS medical college, Bogura, Bangladesh.
- 2011 Workshop on journal publication arranged by Faculty of Science, University of Rajshahi, Bangladesh.
- 2018 Participated international conference on 'Translational research in biochemistry for better life and sustainable development' organized by Department of Biochemistry and Molecular Biology, University of Rajshahi.

## **AWARDS AND PRIZES**

- 2007 'Saidpur Cantonment Public College Award' for extraordinary achievement in H.S.C. examination.
- 2011 Scholarship by University of Rajshahi for B. Pharm. (Honors) result.
- 2012 'NST fellowship 2012' by Ministry of Science and Technology for M. Pharm. thesis research.

## **LANGUAGE PROFICIENCY**

- English IELTS band score 7.5 (Listening: 7.5, Reading: 7.5, Writing: 6.5 and Speaking: 8.0)
- Bengali Good at reading, writing, listening and speaking (as mother tongue)

## **REFERENCES**

Dr. Md. Ekramul Islam (Thesis supervisor)  
Professor, Department of Pharmacy  
University of Rajshahi, Bangladesh.  
Mobile No: +8801735959327; E-mail : ekrams74@yahoo.com.au

Dr. Mst. Shahnaj Parvin (Teaching supervisor)  
Professor, Department of Pharmacy  
University of Rajshahi, Bangladesh.  
Mobile No: +8801736130001; E-mail : shahnaj\_parvin@ru.ac.bd

Dr. Md. Ajijur Rahman (Teaching supervisor)  
Associate Professor, Department of Pharmacy  
University of Rajshahi, Bangladesh.  
Mobile No: +8801717373141; E-mail : ajijurrahman.pharm@ru.ac.bd