

## Farjana Showline Chaity

Scientific Officer

Bangladesh Council of Scientific and Industrial Research

(BCSIR) Chattogram Laboratories.

Cell: +8801789996352

E-mail: [farjanashowline@bcsir.gov.bd](mailto:farjanashowline@bcsir.gov.bd)

[chaity.bcsirctg@gmail.com](mailto:chaity.bcsirctg@gmail.com)

### ACADEMIC RECORDS:

Level	Department	Institution	Year of Passing	GPA/CGP A
Master of Science (1 year)	Microbiology	Noakhali Science and Technology University	2018	3.98
Bachelor of Science (4 year)	Microbiology	Noakhali Science and Technology University	2017	3.92

### PUBLICATIONS:

#### *Published:*

1. Hossain, M.S., Shahiduzzaman, M., Rahim, M.A., Paul, M., Sarkar, R., **Chaity, F.S.**, Uddin, M.N., Rana, G.M., Yeasmin, M.S., Kibria, A. and Islam, S., (2023). Bioactive properties and organosulfur compounds profiling of newly developed garlic varieties of Bangladesh. *Food Chemistry: X*, 17, p.100577.
2. Ferdous, J., Hossain, S., **Chaity, F. S.**, Sarkar, R., Bahar, A., Masud, H. A. A., & Islam, S. (2022). Draft Genome Sequence of a Multidrug-Resistant and Novel Sequence Type 6130 *Klebsiella quasipneumoniae* Strain C11S11\_BCSIR Isolated from Wastewater of a Tertiary Care Hospital in Chattogram, Bangladesh. *Microbiology Resource Announcements*, e00654-22.

#### *SUBMITTED:*

1. Rajib Sarkar<sup>1</sup>, **Farjana Showline Chaity**<sup>1</sup>, Saddam Hossain, FarhanaYeasmin, Jannatul Ferdous, G. M Masud Rana, Md. Saidur Rahman, Nemai Chandra Nandi, Habibur Rahma Bhuiyan, Mohammad Mostafa, Saiful Islam. In vitro antifungal activities of *Cymbopogon citratus*, *Cymbopogon martini*, *Pogostemon bengalensis*, and *Curcuma longa* essential oils against spoilage fungi isolated from Tomatoes. (Under Review, *Pharmaceutical Science Advances*, Elsevier).
2. Jannatul Ferdous, Farhana Yeasmin, Sangjukta Das, Md. Saddam Hossain, **Farjana Showline Chaity**, Syed Muktadir Al Sium, Md. Nuruddin Mahmud. The Growing Concern of Colistin

Resistance and Its Dissemination in South Asia: A Systematic Review. (Journal of Global Antimicrobial Resistance)

## **POSTER PRESENTATION**

1. Isolation and Characterization of Multiple Antibiotics and Heavy Metals Resistant Bacteria from the Major Urban River's Water of Bangladesh: A Public Health and Environmental Concern. Saddam Hossain, Mohammad Mahbub Kabir, Sadia Mahbub Maleha, Saiful Islam, **Farjana Showline Chaity**, Rajib Sarker. Conference on Environmental Solutions for Sustainable Development: Towards Developed Bangladesh (CESSD 2019, Dhaka, Bangladesh).

## **TRAINING EXPERIENCE**

- Trainer of Training program on 'Measurement of uncertainty (MU) associated with quantitative results of microbial counts', 13-14 June 2023
- Trainer of Training Program on 'RT-PCR', 28-29, May 2023
- In House training on "Polymerase Chain Reaction (PCR)" 18-22 December 2022
- Workshop on 4th Industrial revolution, BCSIR Chattogram Laboratories, 22 December 2022
- Domestic training on "Preparative HPLC & Ion Chromatography" 05-09 May 2022
- Domestic training on "Rt- PCR" 07-11 November 2021
- Special Foundation Training Course for Non-Cadre Officers (11<sup>th</sup> Batch)", National Academy for Planning and Development, 14 February- 14 April 2021
- Domestic training on "High Performance Liquid Chromatography" 06-10 December 2020
- In-House training on "Method validation" 7-10 December 2019
- Workshop on Bio Safety and Bio Security (icddr'b, 2018)
- Workshop on Bio Safety and Bio Security (CARS, Dhaka University, 2017)