



Sabrina Jahan

Microbiologist

My Contact

✉ Sabrinatotini5@gmail.com

☎ +8801765862415

📍 Kha-61, South Badda,
Dhaka-1212

About Me

Being a quick learner, does not forget to learn from my mistakes. I like to learn new things and enjoy my work.

Other Skill

- Windows 2007 -2013 XP Professional .
- MS Word
- MS Excel
- MS Access
- MS Power point
- MS Paint
- Digital Marketing
- Graphic design

References

Dr. Md. Anowar Khasru Parvez
Associate Professor
Department of Microbiology
Jahangirnagar University, Savar, Dhaka-1342,
Bangladesh.
Email: khasru73@juniv.edu

Dr. Muktadir Shahid Hossain
Associate Professor & Supervisor
Department of Biochemistry and Microbiology,
School of Health and Life Sciences
North South University, Dhaka -1229
Email: muqtadir.hossain01@northsouth.edu

Education Background

- North South University
Masters in Biotechnology
Completed in 2024
- North South University
Bsc in Microbiology
Completed in 2020

Academic Experience

- **Isolation and identification of Lead (Pb) resistant bacteria from soil.**
 - In this study have successfully isolated *Pseudomonas fluorescence*, *Pseudomonas aeruginosa*, *Pseudomonas alcaligenes* from soil sample.
 - My aim for this research was to identify those microorganisms particularly able to degrade lead metal so that we may remove our toxic metals from our environments and our natural resources.
- **Isolation of a mosquito larvicidal fungus, *Aspergillus gracilis* from soil samples of Bangladesh using dodine.**
 - The *Aspergillus gracilis* strain was isolated in this study from soil samples using dodine-containing selective media which can kill *Culex* and *Aedes* larvae.
 - My aim for this research to utilize a dodine containing selective medium to isolate entomopathogenic fungi that are capable of killing mosquito larvae.

Microbiological Skill

- Perform lab safety techniques
- Prepare media culture (broth and plate)
- Gram staining,
- Biochemical tests,
- Antibiotic resistance,
- PCR
- Microscope handling
- DHA isolation
- Sterile techniques (laminar flow hood and autoclave)
- Report writing