

FARHEEN BEGUM J

Phone : +91-9940621021

Email : farheenbegum034@gmail.com

Address : 7/2, Subedar Hussain Street,
Royapettah, Chennai-600014

CAREER OBJECTIVE

An innovative aspirant with a strong biological science background seeking to be a part of a prestigious organization, which provides ample opportunity to learn, grow and excel in the field of Research & Development and hence give my best to the organization.

DOMAIN SKILLS

Clinical Trial Management

1. Knowledge on drug development (Phase I-IV) of clinical trial.
2. Clinical trial Monitoring (CRA) and Responsibilities of CRA, CRC, Investigator, Sponsor.
3. ICH-GCP Principles.
4. Informed consent Process, Reporting (AE, SAE).

Pharmacovigilance

1. ADR, Serious Adverse Reaction, SUSAR, SAE, MedDRA, Risk Management, ADR Monitoring, Narrative Reports.
2. Hands on experience on Oracle Argus Safety Database - Data Entry, Case Processing MedDRA coding, SAE narrative writing.

Medical Writing

1. Clinical study protocol, clinical study reports, patient informed consent forms, investigator brochures, and summary documents.
2. Knowledge of Common Technical Document (CTD)

SKILLS SET

- ◆ Office Tools: MS Word, Excel, Power Point
- ◆ Operating System: Windows-xp, Windows 7/10, Basics of LINUX.
- ◆ Dictionary: MedDRA & WHO Drug.
- ◆ Biotechnological and Microbiological Techniques.
- ◆ Bioinformatic tools
- ◆ Molecular docking using Autodock.
- ◆ Homology modeling using SWISS-MODEL.
- ◆ Formulations development

ACADEMIC RECORDS

- Master of Technology, Anna University-ACT Campus, Guindy, Chennai
Major : Biopharmaceutical Technology
Year of Passout : 2021
CGPA : 9.58/10
- Bachelor of Technology, AC&RI, Tamil Nadu Agricultural University, Coimbatore
Major : Biotechnology
Year of Passout : 2018
CGPA : 8.94/10
- HSC Examination, P.N.D. Adarsh Vidyalaya Matriculation Higher Secondary School, Tamil Nadu State Board, Chennai
Major : Mathematics, Physics, Chemistry & Biology
Year of Passout : 2014
Percentage : 95.41%
- SSLC Examination, P.N.D. Adarsh Vidyalaya Matriculation Higher Secondary School, Tamil Nadu State Board, Chennai
Year of Passout : 2012
Percentage : 96.8%

PAPER PUBLICATION

- Jamal Farheen Begum, Murugesh Tamilarasi, Periaswamy Pushpakanth, Dananjeyan Balachandar. A simple method for direct isolation of N-acyl-L-homoserine lactone mediated biofilm-forming rhizobacteria from roots. Journal of Microbiological Methods 156 (2019) 34-39.

PROFESSIONAL EXPERIENCE

➤ ACADEMIC SPECIALIST

Byju's Think and Learn Pvt. Ltd.

May 2022- Till date

Key responsibilities:

1. Conducting online audio/video classes, clarifying doubts, creating a positive learning environment for our students in grades 4 to 10 on our learning platform.
2. Providing error-free step-by-step solutions to the questions raised by the student

➤ SCIENTIFIC ANALYST-TRAINEE

Domex e-data Pvt. Ltd., A Molecular Connections company, Chennai

Oct 2018 – Aug 2019

Key Responsibilities:

1. Derwent Drug File- Monitoring, abstracting and documentation of all aspects of drug development, synthesis, evaluation, manufacture and use.
2. Filing drugs in line with editorial policies and conventions.

➤ **ICAR- National Bureau of Agricultural Insect Resources, Bangalore.**

Research Intern

(Oct 2017 – Dec 2017)

Project : Molecular characterization of Termites and their gut microflora.

Supervisor : Dr. K. Srinivasa Murthy, Professor & Scientist

Key Responsibilities:

- ◆ Detailed research on molecular characterization of termites involving genomic DNA isolation and amplification of CO1, 12S and ITS2 genes followed by barcoding to identify the species.
- ◆ Analyzing and identifying the microflora in the gut region of the termites collected from different hosts using 16s rRNA gene.

RESEARCH EXPERIENCE

➤ **Centre for Biotechnology, Anna University-ACT Campus, Chennai.**

(Dec 2020 – Apr 2021)

Project : Encapsulation of viable cells in biocompatible hydrogel for biomedical applications.

Supervisor : Dr. S. Renganathan, Professor

Key Responsibilities:

- Synthesis and characterization of biomimetic collagen-modified gum acacia hydrogel.
- Encapsulation of viable cells in collagen-modified gum acacia hydrogel followed by assessment of its biocompatibility.

● **Centre for Plant Molecular Biology and Biotechnology, Tamil Nadu Agricultural University, Coimbatore.**

(Jan 2018 – May 2018)

Project : Phenotypic analysis of association mapped rice lines, and improvement of submergence tolerance in CO51 rice.

Supervisor : Dr. M. Raveendran, Professor & Head

Key Responsibilities:

- Bioinformatic analysis, screening for anaerobic germination and seedling vigor of association mapped rice lines and F2 hybrids of 65 x WayRarem cross.
- Selection and improvement of submergence tolerance in CO51 rice lines by forwarding to next generations using molecular markers.

PROFESSIONAL ACTIVITIES :

- ◆ Completed “Advanced certificate course on Clinical research & Pharmacovigilance” from Gratisol Labs, January 2022-April 2022.
- ◆ Certificates earned on completion of training cum assessments related to Clinical Research and Pharmacovigilance (AEFI causality assessment) conducted by The Global Health Network Centre and WHO respectively in February 2022.
- ◆ Earned a certificate on online course “Computer Aided Drug and Vaccine Design” conducted by Dr. P. K. Praveen Kumar, from Department of Biotechnology, SVCE held during 10.05.2021-24.05.2021.
- ◆ Presented a paper on “Innovations in Biotechnology in Health Care” in the National Level Technical Symposium on Biotechnology (EVOGEN-2016) conducted by Karunya University.
- ◆ Participated in 55th National Conference on Empowering Mankind with Microbial Technologies (AMI-EMMT-2014).
- ◆ Participated in two days workshop on Personality Development entitled “Empowering Employability Skills” held on 19-20.07.2017 at Tamil Nadu Agricultural University.

STRENGTHS

- Ability to work effectively in a multi-disciplinary team
- Goal-oriented
- Quick learner
- Good communication skills
- Analytical and detail-oriented

ACHIEVEMENTS

- ◆ Awarded Nathani Trust Scholarship for B.Tech degree 2014-2018.
- ◆ School topper in HSC and SSLC examinations.
- ◆ Awarded Rajah Sir Muthiah Chettiar of Chettinadu Memorial Scholarship 2014.
- ◆ Certificate of merit awarded by Tamil Nadu Muslim Graduates Association.
- ◆ Attained the Bronze Standard of The Duke of Edinburgh’s International Award for Young People.

PERSONAL PROFILE

Date of Birth	: 12.06.1997
Age	: 25
Gender	: Female
Nationality	: Indian
Marital Status	: Married
Languages Known	: English, Hindi, Tamil, Urdu, French

DECLARATION

I do hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

Place : Chennai

Date :

(FARHEEN BEGUM J)