

NEHARIKA KABTIYAL

PROFILE

Highly motivated and very good at team work. Can easily adapt to the environment and with good communication skill.

CONTACT

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EDUCATION

Ramnaraian Ruia Autonomous College, Matunga, Maharashtra

M.Sc. in Life Sciences
Specialization- Biotechnology
December 2020 – May 2022
University of Mumbai

- CGPA- 8.46 out of 10
- Published manuscript titled "Review Article on the Synthesis of Silver Nanoparticles from Plant Extract and its Larvicidal Activity on the Mosquito" in the International Journal of Mosquito Research, Volume 9 Issue no. 3 and Year 2022.
- Organized and volunteered for a 2-day workshop "Handling and Culturing of Model Organisms- Caenorhabditis elegans and Drosophila sps. In March, 2022.
- Online certificate course done on "Tissue Engineering" from July, 2021 to September, 2021 through NPTEL.

St. Xavier's College (Autonomous), Mumbai, Maharashtra

B.Sc. in Life Sciences & Biochemistry
University of Mumbai
July 2017 – October 2020

- CGPA- 3.17 out of 4
- Poster presentation in the RUSA supported symposium 'Biowaves 2020', organized by the Department of Life Science and Biochemistry
- Volunteered for a public awareness camp "Know Better, Do Better" in January, 2018 to explain basic biology for better understanding and management of developmental disabilities and organized by the Department of Life Science and Biochemistry
- Volunteered at Church of St. Andrews and St. Columba, Mumbai for teaching the homeless street kids from November 2017 to March 2018 as a part of SIP program

D.A.V Public School, Nerul, Maharashtra

12th Standard
CBSE
2017
Percentage- 86.67%

WORK EXPERIENCE

Advanced Centre for Treatment Research & Education in Cancer Project Trainee

July 2023–January 2024

- Worked under the Research project “Exploring the role of Connexins-Cell Communication Proteins in Human Non-Small Cell Lung Cancer”.
- Did Protein Evaluation Studies like Quantitative estimations using spectrophotometric assays like Bicinchoninic acid assay
- Characterization studies with SDS PAGE, Western blotting and Transfer Technique
- Acquired and analyzed images using BioRad Image Lab and computational confocal analysis
- Consolidated the large and complex data in the forms of graphs, tables and ppt
- Maintained a log book documenting the experiment and its results

Yashraj Biotechnology Internship in Downstream Processing

May 2025- November 2025

- Characterization studies with SDS PAGE, Western blotting and Transfer Technique
- Practical knowledge on AKTA FPLC, ELISA, Tangential flow filtration, high pressure homogenizer

COURSES

Advance Program in Clinical Research & Management (APCRM)

May 2024- November 2024

- Courses include- Clinical Trial Operation, Clinical Data Management, Pharmacovigilance and Medical writing

SKILLS

- Excellent written and oral communication skills
- Proficient working knowledge of Microsoft Office applications (Word, Excel, and PowerPoint)
- Great at teamwork
- Have basic lab skills and can use many instruments like centrifuge, colorimeter, spectrophotometer, gel electrophoresis
- Microbial techniques
- Basic knowledge on how to primer design, align multiple sequences, construct phylogenetic tree and in silico drug designing
- Scientific writing
- Good time management