

CURRICULAM VITAE

Tanvi Siddharth Toprani

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OBJECTIVE

To work in an empowering environment wherein I can cogitate and initiate innovative techniques in order to achieve the expectations of my research seniors.

TECHNICAL SKILL

Proficient in techniques related to **Molecular Biology, Protein purification and estimation, Immunology, Cell Biology, Analytical toxicology, Microbiology, Protein Crystallography (Sample Preparation), Bioinformatics database analysis, Clinical and Diagnostic Tests**. Acquainted with the essentials of facilities such as **LTQ Orbitrap-Thermo Mass Spectrometer** using **MudPIT** technique and **AxioVision Zeiss Confocal Microscope**.

Also having good **MS Office** skills (PowerPoint, Office, Excel) along with superior **communicative English**.

COMPETENCIES

- Quality Control Coordinator, Customer Care, **Al Borg Medical Laboratories** (14 July 2015 – Till Date).
 - ✓ Preparing specimens and running assays to monitor the quality control for corrective action.
 - ✓ Result follow up and informing critical value to the doctors and measuring the imprecision.
 - ✓ Recording and interpreting test data and results on the LIS (Laboratory Data Management System).
- Project dissertation in **Signal Transduction Laboratory at National Institute of Immunology**, New Delhi, India (1 January 2012- 31 May 2012).
 - ✓ Analyze the biology of *Entamoeba histolytica* by creating expression systems using cell culture.
 - ✓ Standardize protocols in sample preparation for immunocytochemistry and mass spectrometry.
 - ✓ Understand role of EhMAPK kinase in signaling mechanism of *E. histolytica*.
- Course on **Analytical Toxicology – Department of Analytical Toxicology, Amrita Institute of Medical Sciences**, Kerala, India (20 September 2011-27 September 2011).
 - ✓ Identify and characterize adverse effects of chemical compounds.
 - ✓ Review and assess safety data generated for a specific chemical.
 - ✓ Experimentation for prevention, diagnosis and treatment of adverse effects.
- Hands on training on '**Immunotechnology- Immunological techniques**' at **Dr. B. Lal Institute of Biotechnology**, Jaipur, India (1 June 2009-31 June 2009).
 - ✓ Exposure to experimental protocols and instrumentation.
 - ✓ Perform several laboratory diagnostic tests.
 - ✓ Extraction and separation techniques related to nucleic acids.
- Participated In **National Seminar On Biotechnology And Microbiology In Human Welfare- The Indian Scenario**, Jaipur, India (23 February 2009 - 27 February 2009).
 - ✓ Review literature to understand application of biotechnology in microbiology, environment, etc.
 - ✓ Present Poster on the topological aspects of folding of DNA and protein.
 - ✓ Gather information from different participants to develop new solutions.

EDUCATION

- Completed **M.Sc Biotechnology** from **Amrita School of Biotechnology Kerala** in year 2012 with **8.06 CGPA**.
- Completed **B.Sc [H] Biotechnology** from **Modi Institute of Technology Science Rajasthan** in year 2010 with **8.695 CGPA**.
- Completed **Higher Secondary (CBSE)** from **Indian Islahi Islamic School** in year 2007 with **68.2 %**.
- Completed **Secondary School Examination** from **Sherwood Academy** in year 2005 with **83%**.
- Completed **Coursera** based online courses on the following topics:
Clinical Kidney, Pancreas and Islets transplantation, Leiden University Medical Center
Gut Check:Exploring your Microbiome and Drug Discovery, University of California
Diabetes a Global Challenge, University of Copenhagen, Addicted Brain, Emory university
Biology of Cancer, John Hopkins University; Medical Neuroscience, Duke University
Forensic Science, Nanyang Technology University; Whole Genome Sequencing, Denmark University

ACHIEVEMENTS

- Received certificates for participation in **National Science Day** and **Science Olympiads** (2007,2009).
- Received certificate for poster presentation on **DNA Folding in Molecular Biology** in the year (2008).
- Achieved 63rd rank in the **National Level Biotechnology Examination** (2009)
- Achieved 1st prize for debate conducted on **Genetically Modified Crops** held on Science Day at Masters Level (2010).

PERSONAL PROFILE

Name : Tanvi Siddharth Toprani

Date of Birth : 25th January 1990

Father's Name : Mr. Siddharth Bharat Toprani

Sex : Female

Nationality : Indian

Visa Status : Parents Sponsorship

Marital Status : Single

Languages : English, Arabic, Hindi, German, French, Gujarati, Marathi

Hobbies : Horse riding, lawn tennis, music, travelling, reading,walking

Place : P.O. Box: 46896, Hamdan Street, Abu Dhabi, UAE

REFERENCES

1.)Dr. Pramod R Chhabrani

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2.)Dr. Ayyappan R Nair

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3.)Dr. Harish Dhingra

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