**VIJAY KANSARA**

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**OBJECTIVE**

I am looking for a challenging and rewarding technician position in a working environment that will allow me to contribute my skill and experience while at the same time expand knowledge.

**EDUCATION**

Jan- 2009 to **Master of Science Biotechnology** (GPA: 3.16)

Jan- 2011 Polytechnic Institute of New York University, Brooklyn, NY

June- 2003 to **Bachelor of Pharmacy** (66.54%)

June- 2007 Anuradha College of Pharmacy, Amravati University, India.

**WORK EXPERIENCE**

March-2011 to **Lab Technician** – Dr. Ottavio Arancio Laboratory, Taub Institute for Research of Alzheimer’s Present disease and the Ageing Brain, Columbia University Medical Center.

* Preparation of primary hippocampal cell cultures from newborn mice, Culture maintenance and media preparation
* Immunocytochemical analysis of synaptic proteins by synaptic vesicle cycling with FM-dyes to Investigate the effect of Amyloid beta-42 in primary hippocampal culture
* Genotyping transgenic mouse colony using Polymerase Chain Reaction (PCR) and Gel electrophoresis.
* Perform Western Blot and analysis of the data
* Presented data during lab meeting
* Animal handling and maintain colony in animal facility area

June- 2008 to **Wet Lab Teaching Assistant,** J.S.S.S.S.S. Diploma Pharmacy College, India

Dec- 2008

* Organized weekly wet labs for students, including material set up and exam preparation.
* Demonstrating laboratory practical to undergraduate students.
* Specimen preparation and analysis
* Laboratory supply ordering and management
* Maintain records

July- 2007 to **Quality Assurance Pharmacist**, Zydus Cadila Healthcare Pvt. Ltd, India

June- 2008

* + - Issued Batch Manufacturing Records/Batch Production Records and various QA formats to production and QC department.
    - Online Inspection and Sampling of Raw materials, Batch In process, and finished goods.
    - Validation of Instruments and inspection of instruments and area before and after production
    - Checking aseptic area, Inspection of raw material and finished goods according to SOP.
    - In process Quality Control tests (Hardness test, Friability Test, Disintegration Test, Dissolution Test, Humidity and Temperature measurement) for capsules.
    - Hazard and risk analysis in production

May- 2006 to **Internship** at Zydus Cadila Healthcare Pvt. July- 2006 Ltd, India

During of the **industrial training** experiences were part of my Bachelor of Pharmacy study. I was exposed to various industrial divisions (QA, QC, Production, Warehouse and Packaging), their roles and the working process within the industry. I also learned about cGMP and documentation for record keeping of raw materials and finished products.

**HIGHLIGHTED COURSES**

* Molecular and cell biology
* Bioanalytical Chemistry
* Enzyme Catalysis
* Biosensor and Biochips
* Biotechnology and Healthcare

**SKILLS**

Self-motivated and able to work independently, Good oral and written communication Skills with Good leadership skills

* Standard molecular and cellular biological techniques such as bacterial Staining techniques.
* Microscopy, microbiological skills and techniques, especially with sterile cell culture
* Protein Isolation and Purification techniques, Western Blot analytical method
* DNA and RNA separation by Gel Chromatography
* DNA fingerprinting, RT-PCR Assay and Genotyping by PCR
* Data maintenance, record keeping
* Worked in sterile area and in aseptic condition.
* Self-motivated and able to work independently, Good oral and written communication Skills
* Good leadership skills, Organized, Punctual and versatile

Computer and Software Skills:

* Microsoft office(Word/Excel/PowerPoint)
* ACD Chem Sketch, Binding database software.

Language Skills:

* Fluent in English; Native speaker of Gujarati, and Hindi.

**CURRICULAM ACTIVITIES:**

**At Anuradha College of Pharmacy:**

* Given Seminar on” High Performance Liquid Chromatography used in pharmacy”
* Poster presentations on “Nano-biotechnology”, “Genetic engineering”, “Polymer science in pharmacy”

**At Polytechnic Institute of New York University:**

* Drug used in “Heroin withdrawal”, “Peptic ulcer”, and “Firbromyalgia”.
* Practical training In search of the cancer gene, DNA fingerprinting, Restriction and Methylation of DNA
* Assignment on “Biosensor for Influenza” in which my concept was based on antigen-antibody interactions. This method involves the use of an optical biosensor employing Surface Plasmon Resonance Detection. Binding phenomena are detected in real time from changes in the angle at which Surface Plasmon Resonance occurs.