

## PROFILE

Motivated, bilingual and highly professional biology and physical science graduate with 8+ years in a lab setting. Adept knowledge of latest pharmaceutical advances and research. Outgoing and detail-oriented; proficient in professional team environments and proper allocation procedures.

## LABORATORY SKILLS

Gradient separation of whole blood, Cell culture and cryopreservation, DNA extraction and purification, Amplification of DNA by PCR, Mycoplasma testing, Endotoxin-Gel clot assay performance, Aseptic handling technique, Gram stain analysis, Sampling and slide preparation of fungal specimens, 14-day direct inoculation method and the membrane filtration method, agarose gel electrophoresis, medium and reagents preparation, column chromatography

## EDUCATION

University of Houston – Downtown, Houston, TX

**Bachelor of Science in Biological and Physical Sciences**

05/2017

Lone Star College System – Montgomery College, Conroe, TX

**Associate of Applied Science in Biotechnology**, Cum Laude

05/2015

## RELEVANT EXPERIENCE

Natural Sciences Dept. – UHD, Houston, TX

01/2016 – 05/2017

**Student Researcher**

Diatoms, genetic mutations, bacteria, amino acids, bioinformatics.

- Isolated and purified MAP 19, a microtubule-associated protein, by employing different techniques such as dialysis, column chromatography, and gel electrophoresis.

Opexa Therapeutics, Inc., The Woodlands, TX

7/2008 - 12/2016

**Quality Control Analyst**

- Performed assays as related to determination of method development, qualification and validation, preventive maintenance and record keeping for the equipment used in the Quality Control laboratory.
- Insured that Quality Control laboratory was compliant with Current Good Laboratory Practices (cGLP) regulations – SOP and equipment documentation is complete and reviewed as required.
- Evaluated facility trending for environmental conditions in manufacturing facility to ensure Current Good Manufacturing Practice (cGMP) compliance.
- Implemented assay performance, optimization and reporting for the testing of raw materials, in-process testing, and final product release testing.
- Collaborated with Quality Assurance in auditing patient records and in-house analytical testing records.

## ADDITIONAL EXPERIENCE

**Food Server**

El Burrito Mexican Restaurant, Houston, TX

1/2011 – Present

- Deliver exceptional, fast and friendly service to promote customer relations.
- Handle an average of \$2500 cash and credit transactions per day.

## ADDITIONAL SKILLS

**Language:** Fluent in Spanish (read, write, and speak)

**Computer skills:** Microsoft (MS) Word, Excel, PowerPoint, Outlook, and Visual Basic