

SHAHAD AMDEEN

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Professional Summary

Dedicated biochemist seeking to enhance global human health and research by contributing to qualitative and quantitative analysis. Able to leverage quantitative strengths to solve technical problems, advance scientific breakthroughs and support innovative assay development.

Experimental Research

Experimental Identification of the Complete RNA-Binding Domain of Human LARP6 Proteins (2016)

Goal: Identify the specificity of LARP6 binding to RNA ligands to provide information regarding the regulation of gene expression through the highly important proper RNA folding.

Methods: Molecular cloning, polymerase chain reaction (PCR), gel electrophoresis, purification and protein expression (Affinity chromatography and size exclusion chromatography), electrophoretic mobility shift assay (EMSA)

Skills

- Commendable critical thinking abilities and problem-solving skills
- Familiar with ICPMS, HPLC, GC, and MS
- Excellent organizational and communication skills (Oral and written)
- Respectable standard of numeracy and skills in data analysis
- Creativity and the ability to use initiative for independent work
- Effective team-working skills
- Ability to prioritize and schedule work to meet demands according to deadlines
- Expertise in operating laboratory equipment
- Capacity to conduct researches concerning biological processes, drugs and foods
- Chemical knowledge of sample collection and preparation
- Utilize mathematical and software skills
- Expertise in handling chemicals and other laboratory tools

Work History

Adjunct Faculty Instructor, September 2017 to Present

Virginia College – Austin, TX

- Pharmacology of medications
- Pharmaceutical calculations and pharmacy practice ethics
- Develop interactive course plans to meet academic and intellectual needs of students
- Successfully improve student participation through developing confidence in laboratory techniques
- Calculate and prepare variety of medication doses, including IV solutions
- Create engaging lessons that promote student involvement and application of the material
- Master aseptic techniques and following laboratory guidelines

Analytical Chemistry Scientist, February 2017 to May 2017

Sonic Reference Laboratory – Austin, TX

- Maintained laboratory instruments and techniques using HPLC and ICPMS
- Conducted quality control tests and directed test procedures
- Organized lab test solutions, compounds and reagents
- Interpreted test results and met strict guidelines on documentation when recording data
- Recorded test results using a variety of chemistry-specific software programs to analyze samples for presence of vitamins and metals
- Worked collaboratively in cross-functional teams
- Kept up to date with health and safety guidelines
- Filed and maintained records according to regulations requirements

Pharmacy Technician, June 2016 to September 2016

Avella Specialty Pharmacy – Austin, TX

- Effectively resolved insurance rejections and other billing issues
- Managed drug and supply inventories
- Regularly stocked shelves, rotated stock and checked for expired medications
- Performed technical processes required to dispense medications to patients
- Managed supply procurement and management processes
- Processed records of medications, patients and charges

Pharmacy Technician, June 2015 to January 2016

Walgreens – Austin, TX

- Properly filled and dispensed prescriptions every day
- Help healthcare providers and patients in person and by phone by providing them with answers or referring their inquiries to the pharmacist
- Maintained pharmacy inventory for needed medications and supplies
- Maintained safe and clean pharmacy by complying with procedures, rules, and regulations
- Prepared labels and calculated quantities for filling medications

Pharmacy Technician, October 2012 to April 2015

Walmart – Austin, TX

- Accurate data entry and dose calculations
- Preparing and bottling medications
- Labeling and packaging of medications
- Maintained computer records for drug inventory

Vision Center Technician, July 2011 to October 2012

Walmart Vision Center – Austin, TX

- Assisted patients with their prescriptions by selecting lens, frames, and contact lenses
- Fitted adjustments to patients' eye wear
- Answered phone calls and helped patients in considering their total eye care needs

Education

Bachelor of Science: Biochemistry, May 2016

Texas State University - San Marcos, TX

Certifications

Pharmacy Technician Certificate, October 2010-Present

Languages

Fluent in Arabic and English