

# **Alradwan, Ibrahim Ali**

## **Address:**

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## **Work & Education:**

- Holding a position as an academic researcher in King Abdul-Aziz City for Science and Technology (KACST) in Riyadh since 2014.
- Leader of the Nanomedicine group in KACST in the Biotechnology division.
- Graduated from Quinnipiac University master graduate Biomedical Sciences/Medical laboratory Sciences program. January/15/2013. Graduated from West Virginia University; from the Clinical Laboratory Science program School of Medicine. 2011.
- Certified as Medical Technology Specialist by the Saudi Commission for Health Specialties.

## **Publication:**

- Abstract accepted for presentation in the 13th International Nanomedicine & Drug Delivery Symposium (nanoDDS 2015) hosted at the University of Washington. It was concerned with nanoparticles storage and preservation and is Titled “Effect of Cryo-Protectants on Size Stability and Preservation of Chitosan Nanoparticles after lyophilisation”.

## **Research Interest:**

- Developing novel technologies for preservation of mammalian cells in a dried state.
- Evaluating efficacy of new methods for nanoparticles storage.
- Delivering explored novel nano-biomaterials to cell lines and monitor cytotoxicity.
- Evaluating immune responses and proteins interactions to novel nanoparticles.

## **Current Work experience:**

- Thaw, Maintain and handle, and freeze different cell lines adherent and suspension in a cell culture laboratory.
- Perform cytotoxicity assays on different cell lines with various types of materials for the purpose of drug delivery.
- Synthesis of nanoparticles and characterization of their physicochemical properties.
- Perform transfection, transformation experiments.
- Perform protein analysis: quantification and electrophoresis experiments.

## **Skills:**

- Proficient in Microsoft Office and handling computerized systems.
- Able to perform data statistical analysis on various statistical software programs.
- Bilingual, fluent in Arabic and English.
- Cardiopulmonary resuscitation (CPR) certified.
- Competent in following instructions and applying knowledge.
- Passionate, eager to learn and to meet challenges, and to embrace and experiment new science concepts.

## **Activities:**

### **Awards and certificates:**

- Received a scholarship from the Ministry of Higher Education for studying in the United States.
- Received an award from the Saudi cultural mission attaché in Washington D.C. for participating in organizing social events in the University of Pittsburgh.
- Member of Phi Sigma Theta (Honors Students Society).
- Member of American Society of Clinical pathology (ASCP).

### **Volunteer work:**

- Member of the relay for life for cancer patients and families.
- Finished 60 hours of volunteer work between participating in community activities with American Cancer Society relay for life, providing health care services in Elkins senior center and Elkins manor in the state of West Virginia. Services such as blood pressure screenings and blood level glucose measurements.

### **Internship Experience:**

- Trained in in the Davis Memorial Hospital`s laboratory (WV) as part of the rural health practicum.
- Trained in the West Penn Hospital`s Core Laboratory (PA) for my internship program rotating in all of the hospital`s laboratory departments.