**Ala’ Albdour**

**4000 sages Ave**

**Charlotte, NC**

**M: 704-666-4444**

**Professional overview:**

Respected and dedicated professional with experience in micro-molecular biotechnology and pharmacokinetics researches. Proven ability to work with difficult situations and provide a high level of motivation.

**Core Qualifications:**

Practical and profound knowledge of DNA extraction methods, polymerase chain reaction technique, agarose gel electrophoresis, and automated DNA sequencing technique.

Familiar with operating systems like Microsoft PowerPoint, Excel, Word and the internet.

Information Seeking and reading.

Time Management.

Integrity.

Work as Team Player.

**Accomplishments:**

Completed researches on:

 -Genetic variations and Warfarin drug dose.

 - The effect of nanoparticles and photofrin on human red blood cells.

Obtained a bachelor’s degree with honors.

Finished bachelor’s degree one semester earlier than the original expected graduation date.

**Educations:**

Master’s degree in Applied Biological Science from Jordan University of Science and Technology in May/2012

Bachelor’s degree in Biotechnology and Genetic Engineering from Jordan University of Science and Technology in February/2006

**Thesis/Dissertation:**

 Masters dissertation

 - Title: Warfarin dosing and *VKORC1* haplotypes in Jordanian patients

 - Advisor: Dr. Saied Jaradat

- Abstract:Warfarin is an anticoagulant medication prescribed worldwide to prevent stroke and venous thromboembolism. Management of warfarin therapy requires frequent monitoring because it has a narrow therapeutic index and interindividual variability in the dose required to achieve a therapeutic international normalized ratio (INR). In this study we investigated the influence of common single nucleotide polymorphisms (SNPs) reported to be associated with the activity of vitamin K epoxide reductase complex subunit 1 (*VKORC1*), in Jordanian patients who are reported to be sensitive or resistant to warfarin and the international normalization ratio for them lies within the therapeutic range.

**Experience:**

- Jordan University of Science and Technology

 Taught the course Boi. 107 laboratory during the first semester of the academic year 2008/2009 in the Department of Applied Biologecal Science.

- Princess Haya Biotechnology Center

 Worked as a researcher for a year in Princess Haya Biotechnology Center at Jordan University of Science and Technology in the period (2011-2012).

**Other contacts:**

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