

Dr. S.E Sharaf CURRICULUM VITAE (C.V)

Name: *Dr. Sharaf Ezzat Sharaf Al-Sharaf*

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Comprehension Languages;

- Both Arabic and English.

Qualifications:

- *BSc in Laboratory Medicine, Umm Al-Qura University, Saudi Arabia. (March, 2007)*
- *MSc in Clinical Biochemistry, University of Surrey, UK. (March, 2013)*
- *PhD in Clinical Biochemistry (Diabetes and Metabolic Medicine), University of Surrey, UK. (January, 2017).*

Professional registration:

Assistant Professor of Diabetes, Obesity and Metabolic Medicine at the Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Umm Al-Qura University, Saudi Arabia.

Research experience:

- *BSc research project performed in Umm Al-Qura University for 9 months;
'Frequency and antimicrobial resistance among Gram-Negative Bacteria in Makkah: and Genotyping of Extended Spectrum B-Lactamases among E.Coli and Klebsiella species'.*
- *Internship year in two laboratory departments in two different governmental hospitals for 12 months.*
- *MSc research project Performed in the University of Surrey for 4 months:
'Possible involvement of Gap Junctions in the maintenance of Endothelial Cell's Barrier Function'.*
- *PhD research project and Thesis for 4 years in the University of Surrey;
'The effect of exercise in NAFLD and a GLP-1 receptor agonist in Type 2 diabetes on lipid Metabolism'.*

Research interests:

- *I am interested in research projects and clinical trials in the field of Type 2 Diabetes and Metabolic Medicine. I am keen to understand the relation between altered and/or impaired Lipid and Glucose metabolism and cellular insulin resistance in the development of metabolic diseases such as Type 2 Diabetes and NAFLD, and possible treatment and prevention that can be used to interfere in the early stages of the metabolic impairment and disease development.*

Research training:

- *Research and Human legislation certificate. 20 May 2013.*
- *Food safety Certificate. 04 June 2013*
- *Introduction to Good Clinical Practice (GCP)E-Learning Certificate.22 October 2013*

- *Introduction to Good Clinical Practice (GCP) Certificate. 24 October 2015.*
- *Data Protection Certificate. 31 October 2013.*
- *Basic first aid, Basic life support, defibrillation and anaphylaxis training. 26 March 2014.*
- *Saudi Basic life support, defibrillation and anaphylaxis training. 20 April 2017.*

Acquired laboratory and clinical techniques:

A: Clinical techniques:

- *Clinical trials planning and study power calculation.*
- *Kinetic Modelling by SAAM II model and Statistical analysis.*
- *Applying specific criteria required for a pilot study and a clinical trial.*

B: Laboratory techniques:

- *Bacterial growth, culturing, media, and antibiotic sensitivity.*
- *Genotyping and Gene multiplication.*
- *Sample Ultracentrifugation and separation by density solutions.*
- *Delipidation of HDL and TRL lipid particles.*
- *Tissue culture handling and mRNA transfection experimentation.*
- *SDS-PAGE and protein quantification.*
- *Western immunoblotting and competitive ELISA.*
- *Ion exchange chromatography and sample derivatization.*
- *Isotopic enrichment by GC-MS.*

Relevant publications:

NONE

Signature:



Date: 17 July 2017

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