

# Curriculum Vitae

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## HUSSEIN ALI HEJJI AL-NAJJAR

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### Personal information

**Nationality:** Saudi.  
**Age :** 27 Years.

### Education

***B.Sc in Biochemistry - 2003.***

### Work experience

**King Saud University (Research Assistant in Endocrinology and  
Diabetes Mellitus Research Lab – Biochemistry Department).2004- now.**

### Research Participations and Publications

- 1- NM. Al-Daghri, Ph.D, Omar S. Al-Attas, Ph.D, M Al-Onazi Ph.D, K Al-Rubeaan, MD, Ph.D, **H Al-Najjar**. ***Correlation of serum adipocytokines to family history of Diabetes Mellitus and smoking history in healthy subjects.*** Clinical Biochemistry 2007.
- 2- Al-Daghri NM, Al-Attas O, Al-Rubeaan K, Sallam R. ***Adipocytokine profile of type 2 diabetics in metabolic syndrome as defined by various criteria.*** Diabet Metab Res Rev 2007; Jul 26 [Epub ahead of print].
- 3- Al-Daghri NM, Al-Attas O, Al-Rubeaan K, Mahieldin M, Al-Katari M, Jones AF, Kumar S. ***Serum leptin and its relation to anthropometric measures of obesity in pre-diabetic Saudis.*** Cardiovasc Diabetol 2007; 6:18.
- 4- Al-Daghri NM, Al-Attas OS, Al-Rubeaan K. ***The atherogenic and metabolic impact on non-HDL cholesterol versus other lipid subcomponents among non-diabetic and diabetic Saudis.*** Lipids Health Dis 2007; 6(1):9
- 5- Al-Attas O, Al-Daghri N. ***Plasma resistin and leptin levels in male and female normal subjects: correlations with fat mobilization.*** Biochemistry department, College of Science, King Saud University, Riyadh, Saudi Arabia , June 2006.
- 6- Al-Attas O, Al-Daghri N, K Al-Rubeaan, Bartlett WA, Martin SC, Kumar S, Jones AF. ***Fasting Plasma Homocysteine concentration is Higher in Elderly People and Associated with Glucose in the Metabolic Syndrome.*** Biochemistry department, College of Science, King Saud University, Riyadh, Saudi Arabia , April 2006.
- 7- ***Apolipoprotein B/A1 in relation to metabolic syndrome in type 2 diabetes mellitus.***
- 8- ***Measurement of leptin in women as indicator for some of chronic diseases (SABIC).(non public)***
- 9- ***Correlation between resistin hormone and obesity in Saudi and expand used as indicator for obesity. (non public).***

## Researches under going

- 1- Diabetes Impact in Saudi Health. (Big project for Ministry of Health)
- 2- Insulin resistance, adverse metabolic profile and premature biological aging in overweight children.
- 3- The relation between polycyclic aromatic hydrocarbon and asthma in Saudi children and Saudi diabetes patients.
- 4- Fasting homocysteine levels in adults with type 1 diabetes mellitus-link with cardiovascular complication and other risk enhances.
- 5- Defining the molecular mechanisms for obesity associated hypertension.
- 6- Association of a polymorphism of the endothelial constitutive nitric oxide synthase gene with coronary artery disease in Saudi. (Master student).
- 7- Oxidative stress and antioxidant status in Saudi Autistic Children. (Master student).

## Workshops

- \* Laboratory Safety and Chemical Hazards Workshop – 2005.
- \* The Premarital Counseling Workshop in The first GCC Genetic Conference – 2003.

## Conferences

- 1- Regional Conference on Health Economics - Diabetes Economics ...Vital Investment. Held in Riyadh, K.S.A -2007.
- 2- Nano Research at Universities: The Road Toward Fulfilling the Vision of Custodian of the Tow Holy Mosqus (The King). King Saud University, Riyadh, Saudi Arabia – 2007.
- 3- Third Saudi Science Conference ( New Horizons in Science and Third Applications).College of Science, King Saud University, Riyadh, Saudi Arabia – 2007.
- 4- 10<sup>th</sup> International Conference on Thalassemia and Haemoglobinopathies & 12<sup>th</sup> International TIF Conference for Thalassamia Patients and Parents. EHA & TIF, Dubai – United Arab Emirates – 2006.
- 5- The 9<sup>th</sup> Symposium of Genetics in Health and Disease- Implications for Individuals, Family and Community. College of Medicine, King Saud University, Riyadh, Saudi Arabia – 2004.
- 6- “Thalassemia & Sickle Cell Anemia: Current Status & Future Trends” Symposium. King Fahad National Center for Children’s Cancer and Research, Riyadh, Saudi Arabia – 2004.
- 7- The international conference on Sickle Cell Disease: Recent Advances. Held at King Fahad Hospital, Hofuf, Saudi Arabia – 2003.
- 8- The first GCC Genetic Conference. Kingdom of Bahrain – 2003.
- 9- Recent Advances in Clinical Genetics and Mitochondrial Disorders. King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia, 2003.

## Professional experience

- 1- PCR Technique.
- 2- HPLC.
- 3- Clinical Chemistry Technique (Konelab (Glucose,Cholesterol, Triglyceride, HDL-Cholesterol, LDL-Cholesterol, Mg ,,etc.).
- 4- Elisa Technique and Lumenix machine.
- 5- Statistic analysis by SPSS program.

## Teaching Experience

- 1- **BCH 101** General Biochemistry Lab (Practical), Biochemistry Dept.
- 2- **BCH 499** Research Project II ( Under graduation Students ) (Practical), Biochemistry Dept.
- 3- **CLS 101** Biochemistry for Nurses Lab (Practical), Biochemistry Dept.

## Professional memberships

- 1- Hereditary Blood Diseases Eradication Project.
- 2- Saudi Biological Society.(King Saud University) .

## Volunteer experience

Supervisor health education program and Manager of general relations of *Hereditary Blood Diseases Eradication Project* in the Gulf Arabia (Saudi Arabia) under the patronage Arab Gulf Program for United Nations Development Organizations (AGFUND).

## Computer Skills

Microsoft Office and Internet ...etc.

## References

### 1- Prof. Omar Salem Al-Attas

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### 2- Prof. Abdullah S. Alhomida

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