

أ.د. أمين كاظم العلي

Prof. Amein K Al-Ali

Professor of Clinical Biochemistry

&

Molecular Biology

College of Medicine, King Faisal University

Director Of

**PRINCE MOHAMED BIN FAHD BIN ABDULAZIZ
CENTER FOR RESEARCH AND CONSULTATION
STUDIES**

Curriculum Vitae

Name	Prof. Amein Kadhem Al-Ali Chairman, Department of Biochemistry College of Medicine
Nationality	Saudi
Date and Place of birth	1954, Al-Hassa
Marital Status	Married

Academic Qualifications

Academic Degree	Place of Issue	Address	Date
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Ph.D	Salford University/ Manchester University	UK	1981
B.Sc	Salford University	UK	1977
GCE-A	Salford College of Technology	UK	1974

Awards & Sponsorship:

1. Winner of Fulbright Sponsorship for 1996-1997. Molecular Genetics at Memorial Sloan- Kettering Cancer Center in association with Cornell University. New York. Genetic predisposition to cancer.
2. Prince Mohammed Prize for Best Research 2001

Scientific Reports (Review for Journals):

1. King Abdulaziz City for Science & Technology
2. Saudi Medical Journal
3. Annals of Saudi Medicine
4. Journal of Biomedicine and Biotechnology (USA)

Language Proficiency:

Arabic, English & Persian

Professional Record: (beginning from the most recent)

Job Rank	Place & Address of Work	Date
Director	Prince Mohammed Bin Fahd Bin Abdulaziz Center for Research and Consultation Studies	January 2008 to present
Chairman, Research Committee	College of Medicine & Medical Sciences, King Faisal University, Dammam	2003 to present
Professor &	Department of Biochemistry, College of	2002 to present

Chairman	Medicine & Medical Sciences, King Faisal University Dammam	
Chairman	Department of Biochemistry, College of Medicine & Medical Sciences, King Faisal University Dammam	1998 – 2002
Director	Medical Laboratories, King Fahd Hospital, Al-Khobar	Summer, 2001
Associate Professor	Department of Biochemistry, College of Medicine & Medical Sciences, King Faisal University Dammam	1994 – 1998
Chairman	Department of Biochemistry, College of Medicine & Medical Sciences, King Faisal University Dammam	1992-1994
Assistant Professor & Chairman	Department of Biochemistry, College of Medicine & Medical Sciences, King Faisal University Dammam	1984 – 1988
Assistant Professor	Department of Biochemistry, College of Medicine & Medical Sciences, King Faisal University Dammam	1981 – 1988
Demonstrator	University of Salford, England	1977 - 1981

Scientific Achievements

1. Helene Puehringer; Hossein Najmabadi; Hai-Yang Law; Walter Krugluger; Vip Viprakasit; Serge Pissard; Erol Baysal; Ali Taher; Chantal Farra; **Amein Al-Ali**; Suad Al-Ateeq; Christian Oberkanins. Validation of a reverse-hybridization StripAssay for the simultaneous analysis of common <alpha>-thalassemia point mutations and deletions. Clinical Chemistry and Laboratory Medicine 2007: 45 ; 605-610
2. Z Al-Mustafa, M. Al-Maden , H Al-Majed, S Al-Muslem, S Al-Ateeq and **Amein Al-Ali**. Vitamin D deficiency and rickets in the Eastern Province of Saudi Arabia. Ann Trop Paediatric. 2007, 27. 63-67.
3. **Al-Ali Ak** et al. Frequency of MTHFR C677T polymorphism in patients with cardiovascular disease in the Eastern Province of Saudi Arabia. Sudi M J . 2005. 26: 1886-1888.

4. **Al-Ali AK** et al. Molecular basis of Beta –thalassemia in the eastern Province of Saudi Arabia. *J of Biomed & Biotechnology* 2005. 4 : 1-4.
5. Fahd Al-Muhanna, E. Larbi Amein **Al-Ali AK**, et al. Lipid profile, hematological and biochemical parameters in normal and hypertensive subjects in the eastern Province of Saudi Arabia. *East Afr Med J.* 2006. 83: 13-17.
6. **Al-Ali A.K.** Al-Mustafa Z. H., Al-Madan M., Qaw F., Al-Ateeq S. Molecular Characterization of G6PD Deficiency in the Eastern Province of Saudi Arabia. *Clinical Chem. & Biochem.* 40(8): 814-6, 2002.
7. Al-Mustafa Z.H. & **Al-Ali A.K.** N-acetylation polymorphism and favism among Saudi Arabians. VII World Conference on Clinical Pharmacology and Therapeutics, Florence, Italy, (July, 2000).
8. **Al-Ali A.K.** Direct Detection of Common Mutation in the APC gene by PCR based Amplification Techniques. Medical Laboratory Training in Saudi Arabia, New Horizon, KFHU, Dammam, (1999).
9. **Al-Ali A.K.** Pyridine Nucleotide Redox Potential in Erythrocytes of Saudi Subjects with Sick Cell Disease. *Acta Haematol* 264: 1-5, 2002.
10. **Al-Ali A.K.**, Al-Mustafa Z.H., Qaw F.S., Abdul-Cader Z. Paracetamol-Induced Hepatotoxicity: Lack of Enhancement of the Hepatoprotective Effect of N-Acetylcystein by 4 Sodium Sulphate. *Inflammopharmacology* 6: 235-241, 1998.
11. Al-Mustafa Z.H., **Al-Ali A.K.**, Qaw F.S., Abdul-Cader Z. Cimetidine Enhances the Hepatoprotective Action of N-Acetylcysteine in Mice Treated with Toxic Doses of Paracetamol. *Toxicology* 121: 223-8, 1997.
12. **Al-Ali A.K.** Common G6PD Variant from Saudi Population and its Prevalence. *Annals of Saudi Medicine* 16: 654-6, 1996.
13. **Al-Ali A.K.**, Qaw F., Al-Yousef M. Effects of Metal ion on the Activity of Cytosolic PEPCCK From Camel Kidney. *Arab Gulf Journal of Scientific Research* 14 (3): 535-42, 1996.
14. **Al-Ali A.K.**, Ahmed M.A.M., Qaw F., Al-Fadel-Saleh M., Al-Bashir A.M. Uric Acid, Creatine and Urea in Normal, G6PD Deficient and HbSS Saudi Subjects. *Acta Haematol* 94: 114-6, 1995.
15. Dafallah A.A., Eskandarani H., Rehaiami A., **Al-Ali A.K.**, Al-Bashir A.M., Saba R. Fructosamine in HbS and G6PD Deficient Saudi Arabs in the Eastern Province of Saudi Arabia. *J. Biomed. Sci.* 51: 35-9, 1994.
16. **Al-Ali A.K.** Erythrocyte Reduce Glutathione Level in Sick Cell Anemia and Glucose-6-Phosphate Dehydrogenase Deficient Saudi Subjects. *Ann. Clin. Biochem.* 31: 296-7, 1994.

17. Ahmed M.A.M., **Al-Ali A.K.**, Al-Idrissi H.Y., Al-Sibai M.H., Al-Mutairy A.R., Knox-Macaulay H. Sickle Cell Trait and G6PD Deficiency in Blood Donors in Eastern Saudi Arabia. *Vox San Guinis* 61: 69-70, 1991.
18. Buran K.H., Berrebi A., Ankra-Badu G., **Al-Ali A.K.**, Oppenheim A., Luzzatto L. Origin and Spread of Glucose-6-Phosphate Dehydrogenase Variant in the Middle East. *Am. J. Hum. Genet.* 47: 1013-9, 1990.
19. **Al-Ali A.K.**, Al-Rehimi A., Saba R., Power D.M. A Comparative Study of Glycosylated Haemoglobin Level in the Arabian Camel During Different Seasons. *Comp. Biochem. Physiol.* 96B: 821-3, 1990.
20. **Al-Ali A.K.**, Ahmed .A.M., Al-Sibai M.H., Al-Idrissi H.Y., AL-Mutairy A.R., Al-Fadel Saleh M., Rehaimi A. Percentage Glycosylated Haemoglobin Normal, G6PD Deficient and HbSS Saudi Arabs. *Medical Laboratory Sciences*, 46: 313-5, 1989.
21. **Al-Ali A.K.**, Ahmed M.A.M., Al-Idrissi H., Al-Sibai M.H., Al-Mutairy A.R., Al-Awami M. Effects of Glucose-6-Phosphate Dehydrogenase Deficiency upon Sickle Cell Anaemia. *Ann Clin. Biochem.* 26: 477-80, 1989.
22. Al-Rehaimi A.A., **Al-Ali A.K.**, Al-Mutairy A.R., Dissayanke A.S. A Comparative Study of Enzyme Profile of Camel Dromedarius Hump and Sheep (Ovis Aries) Tail Tissues. *Comp. Biochem. Physiol.* 93B (4): 857-8, 1989.
23. **Al-Ali A.K.**, Al-Husayni H., Al-Mutairy A., Saba R., Power D.M. A study of the Biochemical Characteristics of NADP+ Isocitrate Dehydrogenase from the Liver and Kidney of the Arabia Camel (Camelus Dromedaius). *Comp. Biochem. Physiol.* 92B: 517-21, 1989.
24. **Al-Ali A.K.**, Al-Husayni H., Power D.M. Purification and Comparison of Phosphoenolpyruvate Carboxykinase from the Liver and Kidney of the Camel. *Comp. Biochem. Physiol.* 89B: 335-8, 1988.
25. **Al-Ali A.K.**, Al-Husayni A., Power D.M. A Comprehensive Biochemical Analysis of the Blood of the Camel (Camelus Dromedaius). *Comp. Biochem. Physiol.* 89: 37-9, 1987.
26. Al-Ayash A.I., Dafallah A., **Al-Ali A.K.**, Al-Husayni H. Determination of Glycosylated Haemoglobin in Normal and Diabetic Saudi Arabs. *Ann. Clin. Biochem.* 24: 279-82, 1987.
27. Al-Ayash, A.I., Dafallah A., Al-Husayni H., **Al-Ali A.K.**, Al-Quorain A., Omer A.H.S., Wilson M.T., Bonaventura J., Cashion R. Glycosylated haemoglobin levels in a benign form of sickle cell anaemia in Saudi Arabia. *Acta Haemat.* 75: 160-4, 1986.

28. **Al-Ali A.K.**, Buchanon J.D., Power D.M.* Pulse Radiolysis Study of the Interaction of Ephedrine with Carrageenans International. Journal of Radiation Biology. 44: 55-64, 1983.
29. **Al-Ali A.K.**, Buchanon J.D., Power D.M., Butler J. Thermodynamic Parameters Associated with Binding of Adrenaline and Norephedrine to Heparin. International Journal of Radiation Biology. 43: 433-44, 1983.
30. **Al-Ali A.K. & Power D.M.** Effects of Gamma Irradiation on Sulphamerzine, Sulphathiazine and Sulphamethazine. Radat. Phys. Chem. 22: 889-994, 1983.

Current Research Activities

- Polymorphism in beta adrenergic receptor and asthma in the Eastern population of Saudi Arabia
- Genetics of cardiovascular diseases
- Polymorphism in asthma
- Hypertension
- Vitamin D deficiency