



**Name:** Adel Mohamad Ali Assiri

**Nationality:** Saudi

**Language Spoken:** Arabic and English

**Contact Information:** Ext: 4495

**E-mail:** [aassiri64@hotmail.com](mailto:aassiri64@hotmail.com)

**Specialty:** Clinical Biochemistry

### Qualifications:

- **1986:** B.Sc. Faculty of Medicine & Applied Sciences, University of King Abdulaziz, KSA
- **1995:** Ph. D. Clinical Biochemistry, Faculty of Medicine, Sheffield University, UK.

### Experience:

الخبرات العملية			
تاريخ نهاية الخدمة	تاريخ بداية الخدمة	مسمى الوظيفة	جهة العمل
١٤١٦/٢/٢٠ هـ	١٤٠٧/٤/٢٧ هـ	معيد	جامعة الملك سعود كلية الطب - فرع أبها
١٤٢١ / ٥ / ٨ هـ	١٤١٦ / ٢ / ٢١ هـ	استاذ مساعد بقسم الكيمياء الحيوية	جامعة الملك سعود (الملك خالد حاليا)
١٤٢٥/٥/١٤ هـ	١٤٢١/١٢/١ هـ	استاذ مساعد بقسم الكيمياء الحيوية	كلية الطب والعلوم الطبية جامعة أم القرى
الآن	١٤٢٥/٥/١٥ هـ	استاذ مشارك بقسم الكيمياء الحيوية	كلية الطب جامعة أم القرى
الخبرات الادارية			
تاريخ نهاية الخدمة	تاريخ بداية الخدمة	المنصب الاداري	جهة العمل
١٤٢١ هـ	١٤١٦ هـ	رئيس قسم الكيمياء الحيوية	جامعة الملك سعود (الملك خالد حاليا)
١٤٢٤ هـ	١٤٢٢ هـ	رئيس قسم علم الأدوية والسموم	كلية الطب والعلوم الطبية جامعة أم القرى
١٤٢٤ هـ	١٤٢٢ هـ	مدير مركز بحوث الطب والعلوم الطبية	كلية الطب والعلوم الطبية جامعة أم القرى
الآن	١٤٢٤ هـ	رئيس قسم الكيمياء الحيوية	كلية الطب جامعة أم القرى
عضو في العديد من اللجان الاكاديمية والإدارية والتطويرية بكلية الطب			

## INTERNATIONAL BIOGRAPHICAL RECORD

- The Marquis Who's Who in Medicine and Healthcare; Sixth Edition, 2006-2007, USA.
- International Health Professional of the Year 2007; By The Research and Advisory Board of the International Biographical Centre of Cambridge, IBC, England.

## PERFORMANCE AWARD

- The Best Assistant Professor in the Basic Sciences Departments for the Academic Year of 1417 / 1418 (1997 / 1998), King Saud University, Abha, Saudi Arabia.

## RESEARCH AWARD

**Patey Prize-** January 1994 – Surgical Research Society Best Scientific Paper. “ Urinary Cross-links: Mechanisms of Hypercalcaemia in Woman with Breast Cancer” , London , UK.

## RESEARCH INTERESTS

- Biochemical Markers
- Osteoporosis
- Bone Metabolism
- Diabetes Mellitus
- Hypercholesterolemia
- Medical Education
- Drugs Therapy

## PROFESSIONAL SOCIETES

- Saudi Chemical Society
- The Egyptian Society of Clinical Chemistry
- The Egyptian Society of Biochemistry and Molecular Biology
- American Association for Clinical Chemistry, AACC, Washington, DC.
- American Chemical Society, ACS, Washington, DC.

## PUBLICATIONS

1. Eastell R., Simmons P.S., Colwell A., **Assiri A.M.A.**, Burritt M.F., Russell R.G.G., Riggs B.L. Nyctohemeral changes in bone turnover assessed by bone Gla-protein concentration and urinary deoxypyridinoline excretion: effects of growth and ageing. *Clinical Science* 83:375-382, 1992.
2. Hassager C., Colwell A., **Assiri A.M.A.**, Eastell R., Russell R.G.G., Christiansen C. Effect of menopause and hormone replacement therapy on urinary excretion of pyridinium cross-links:a longitudinal and a cross-sectional study. *Clinical Endocrinology* 37:45-50, 1992.

3. Eastell R., Robins S.P., Colwell T., **Assiri A.M.A.**, Riggs B.L., Russell R.G.G. Evaluation of bone turnover in type 1 osteoporosis using biochemical markers specific for both formation and bone resorption. *Osteoporosis Int.* 3:255-260, 1993.
4. Russell R.G.G., Colwell A., Hannon R.A., Blumsohn A., Al-Dehaimi A., **Assiri A.M.A.**, Peel N.F.A., Eastell R. Biochemical measurement in Paget's disease of bone. *Seminars in Arthritis and Rheumatism* 23:240-241, 1994.
5. A. Blumsohn, K.E. Naylor, **A.M.A. Assiri**, R. Eastell. Effect of etidronate therapy on bone turnover and bone density in mild Paget's disease. *Bone*, 17(6), 608, 1995.
6. **A.M.A. Assiri**, A. Blumsohn, C.Y. Guo, M.J. Brown, R.G.G. Russell, R. Eastell. Bone-specific Biochemical markers of turnover in Multiple Myeloma. *Bone*, 16(6), 690-691, 1995.
7. Blumsohn A., Naylor K.E., **Assiri A.M.**, Eastell R. Different responses of biochemical markers of bone resorption to bisphosphonate therapy in Paget's disease. *Clin Chem.* 41(11): 1592-1598, 1995.
8. Guo C-Y., Thomas W.E.G., Al-Dehaimi A., **Assiri A.M.A.**, Eastell R. Longitudinal changes in bone mineral density and bone turnover in postmenopausal women with primary hyperparathyroidism. *J of Clin Endocrinol and Metab.* 81: 3487-3491, 1996.
9. Raof A.M.S., Al-Naamy M., Khattab M., **Assiri A.M.A.**, Sadiq A. Evaluating the Curriculum of the college of medicine, Abha, Saudi Arabia. *Medical Teacher*, 20: 58-58, 1998.
10. Walls J., **Assiri A.**, Howell A., Rogers E., Ratcliffe W.A., Eastell R., Bundred N.J. Measurement of urinary collagen cross-links indicate response to therapy in patients with breast cancer and bone metastasis. *Br J Cancer.* Jun: 80(8), 1265-1270, 1999.
11. Hamdi A., **Assiri A.**, Suleiman A. Association of biochemistry grades with performance in pharmacology and anatomy in a Saudi Arabian Medical College. *Biochem & Molec Biol Educ.* May 1;28(3): 134-135, 2000.
12. Zulfaqar A. Khan, **Adel M. Assiri**, Hani M. Al-Afghani, Turki M. Maghrabi. Inhibition of oxalate nephrolithiasis with Ammi visnaga (Al-Khillah). *Int. Urology & Nephrology.* 33, 605-608, 2001.
13. I. Khan, **A.M. Assiri**, M. Hassan, W. Ahmad, Z. A. Khan and A. Saeed. Partial purification of acetylcholinesterase and its inhibition by antibiotics. *Jour.Chem.Soc.Pak.* Vol.24, No.3, 209 –214, 2002.
14. **Adel M. Assiri** , Abdurazzaq M.N. Sultan , Zulfaqar A. Khan. The Pattern of dyslipidemia and lipid peroxides level in type-2 diabetes mellitus patients in makkah. *Pak. J. Biochem. and Mol. Bio.* 35, 92 - 100, 2002.
15. **A.M. Assiri**, Z. A. Khan, R.M. Al-Ashban and A.H. Shah. Salajeet also called shilajit a natural rejuvenator used in traditional medicine: Literature review and toxicity studies. *J.Saudi Chem. Soc.* Vol. 7, No. 2, 199-206, 2003.
16. **Adel M. A. Assiri** and Ali F. L. Abdel-wahab. Carnosine Protects Against Doxorubicin-Induced Cardiotoxicity. *Saudi Pharmaceutical J.* Vol. 11 (1-2) 23 – 31, 2003.
17. **Adel M. Assiri**, Layla E. Borham, Hisham A. Awad, and Maissa N. Al-Maraghy. The possible protective effects of Fluoxetine and Paroxetine against experimental myocardial infarction. *Saudi Pharmaceutical Journal*, Vol. 11, No. 4, 148-158, 2003.

18. **A. M. Assiri.** Cholinesterase in plasma: Purification and Some Biochemical Properties. J. Chem. Soc. Pak., Vol. 25(1), 63-68, 2003.
19. **Adel M. Assiri,** Hisham A. Awad, Layla E. Borham. Assessment of Cytokine Release in Septic Shock Induced by Some Antibiotics. Oxford Research Forum Journal, Vol. 2, No. 1, (17-30)2004.
20. **Adel M. A. Assiri** and Ali F.L. Abdel-Wahab. Biochemical Assessment of The Role of Vitamin A in Hepatic Fibrosis Induced by Carbon Tetrachloride. J. of Saudi Chem Soc., Vol.8, No.1 (23-34), 2004.
21. **Adel M. A. Assiri.** Role of Antioxidant Glutathione System and TNF-Alpha in the Progress of Non-Insulin Dependent Diabetes Mellitus. Oxford Research Forum Journal, Vol. 2, No. 1, (49-56) 2004.
22. **Assiri A. M. A.,** Mahfouz M. H., and Shaheen M.H. Antioxidants and Lipid Peroxidations in Patients with Rheumatoid Arthritis. The Arab J Lab. Med. Vol. 31(1) 1-12, 2005.
23. **Adel M. Assiri** and Jumanah S. Saleh. Lipid Profile and Apolipoprotein Alterations and Their Biological Relevance in Late Pregnancy and Postpartum Lactation. Oxford Research Forum Journal, Vol. 2, No. 2, (37-45) 2005.
24. **Adel M. A. Assiri.** Effectiveness of Tissue Polypeptide Specific Antigen (TPS) in Diagnosis of Prostate Cancer. A Comparative Study With PSA and F/T PSA. Oxford Research Forum Journal, Vol. 2, No. 2, (57-64) 2005.
25. **Assiri A. M. A.** Antioxidant and Antiapoptotic Potentials of Melatonin in Streptozotocin-Induced Diabetes Mellitus. The Arab J Lab. Med. Vol. 31(3) 423-439, 2005.
26. **Adel M. A. Assiri** and Ali F. L. Abdel-wahab. Evidence of Prothrombotic Effect of Celecoxib and Risk of Myocardial Infarction. Saudi Pharmaceutical J. Vol. 13 (4) 139-147, 2005.
27. **Assiri A. M. A.** Role of Antioxidants, Nitric Oxide, and Lipid Peroxidation in Controlled and Uncontrolled Hypertensive Patients. The Arab J Lab. Med. Vol, 32(2) 209-227, 2006.
28. **Adel M. A. Assiri.** Protective Effect of *Tamarix Amplexicaulis* Seeds Against Hepatotoxicity Induced by Carbon Tetrachloride, Paracetamol, or D-Galactosamine. J. of Saudi Chem Soc., Vol.,10(3) 437-446, 2006.
29. **Adel M. Assiri,** Kholoud S. Ramadan, and Mohamed H. Mahfouz. Role of reduced glutathione, nitric oxide and some Trace-elements in Alzheimer's diseases and Vascular Dementia. The Egypt J Bio & Molec Biol, Vol., 24(1) 55-71, 2006.
30. **Assiri A. M. A.** Antioxidant Defense System, Lipid Profile, and Zinc in Postmenopausal women with Type-II Diabetes Mellitus. The Arab J Lab. Med., Vol., 33 (2) 195-212, 2007.
31. **Adel M. Assiri** and Saleh A. Saleh. Validity of IGF-1, IGFBP-3 and their ratios with PSA in the clinical diagnosis of patients with cancer prostate. SGH Med J, Vol. 2, (2)97-108, 2007.