



- Dr. Aiman Ibraheem Al-Qtaitat
- Associate Professor
- Department of Anatomy and Histology
- Faculty of Medicine

***Education***

- PhD (University of Leeds/ England, 2007)
- MSc (University of Leeds/ England, 2004)
- BDS (University of Jordan/ Jordan, 1993)

***Research Interests***

- Bone Histology in health, pregnancy, ageing and disease
- Uncalcified collagen type III/VI fibres in musculoskeletal exchange
- Non-Collagenous proteins in hard tissues
- Protein biomarkers in calcified tissues
- Muscle insertions and age related changes
- The morphology of the mineral phase of bone
- Immunohistochemistry
- Endometrial hyperplasia and polycystic ovary syndrome
- Soft tissues and age related changes

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***Publications***

**Al-Qtaitat AI, Shore RC, Aaron JE.** Structural Changes in the Ageing Periosteum Using Collagen III Immuno-Staining and Chromium Labelling as Indicators. Journal of Musculoskeletal and Neuronal Interactions, 2010, 10 (1): 112-123.

**Al-Qtaitat AI, Shore RC, Aaron JE.** Calcification of Sharpey's Fibres and Periosteum with Age in the Porcine Mandible. *Calcified Tissue International* 2006, 78, Suppl1 S17-S167

**Al-Qtaitat Aiman.** Calcified Microsphere Populations In Young And Aging, Hard And Soft Tissues. Postgraduate Symposium 2006, Faculty of Biological Sciences, University of Leeds. Oral presentation

**Al-Dalaen S, Mahgoub S and Al-Qtaitat A.** Carcinogen Metabolizing Enzymes: Modulation of Their Activities in Liver, Lung and Stomach by Thymoquinone. *European Journal of Medicinal Plants.* 2014; 4(4): 383-393.

**Al-Dalaen S, Al-Qtaitat A, Mahgoub S, Alnawaiseh N, Shniqat J, Sarayreh S, Sarayreh Y.** Ramipril and Valsartan as protective agents against some complications of an experimentally induced obesity in rats. *American Journal of Life Sciences.* 2014; 2(4): 241-250

**Al-Shuneigat J, Al- Sarayreh S, Al-Qudah M, Al-Tarawneh I, Al-Saraireh Y and Al-Qtaitat A.** GC-MS Analysis and Antibacterial Activity of the Essential Oil Isolated from Wild *Artemisia herba-alba* Grown in South Jordan. *British Journal of Medicine & Medical Research.* 2015; 5(3): 297-302.

**Al-Qtaitat A, Al-Dalaen S, Mahgoub S, Alnawaiseh N, Al-Shuneigat J, Al-Sarayreh S and Al-Saraireh Y.** Plasma Thrombopoietin Level in Thrombocytopenic Patients with or without Liver Cirrhosis Chronically Infected by the Hepatitis C Virus. *British Journal of Medicine & Medical Research.* 2015; 5(7): 864-871

**Al-Dalaen S, Al-Qtaitat A.** Review Article: Oxidative stress versus antioxidants. *American Journal of Bioscience and Bioengineering.* 2014; 2(5): 60-71

**Al-Qtaitat A, Al-Dalaen S, Mahgoub S, Al-Rawashdeh Md, Aaron JE.** Bioactive propolis and bone loss reduction in an ovariectomized rat model of hypogonadal osteoporosis. *American Journal of BioScience.* 2014; 2(6): 217-221

**Al-Qtaitat A, Al-Dalaen S.** A review of non-collagenous proteins; their role in bone. *American Journal of Life Sciences.* 2014; 2(6): 351-355

**Said Al-Dalaen, Jihad Alzyoud and Aiman Al-Qtaitat.** The Effects of L-Arginine in Modulating Liver Antioxidant Biomarkers within Carbon Tetrachloride Induced Hepatotoxicity: Experimental Study in Rats. Biomedical & Pharmacology Journal. 2016; 9(1):

**Aiman Al-Qtaitat, Jihad Alzyoud, Mohammad Al-Rawashdeh, Said Al-Dalaen and Aiman Al-Maathadi.** Bone Age Determination of Epiphyseal Union Around Wrist Joint and its Correlation with Chronological Age: A Radiological Study in a Jordanian Population. BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA. 2016; 13(1), 67-73

**Said Al-Dalaen, Aiman Al-Qtaitat, Mohammad Al-Rawashdeh, Jihad Alzyoud.** Rheumatoid Arthritis: Hyaluronic Acid and Cartilage Oligomeric Matrix Protein as Predictors of the Disease Progression. Biomedical & Pharmacology Journal. 2016; 9(1): 15-23

**Al-Jefout M, Alnawaiseh N, Al-Qtaitat A.** Insulin resistance and obesity among infertile women with different polycystic ovary syndrome phenotypes. Scientific Reports. 2017; 7: 5339 | DOI:10.1038/s41598-017-05717-y

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<ul style="list-style-type: none"> <li><input type="checkbox"/> Bone Histology in health, pregnancy, ageing and disease</li> <li><input type="checkbox"/> Uncalcified collagen type III/VI fibres in musculoskeletal exchange</li> <li><input type="checkbox"/> Non-Collagenous proteins in hard tissues</li> <li><input type="checkbox"/> Protein biomarkers in calcified tissues</li> <li><input type="checkbox"/> Muscle insertions and age related changes</li> <li><input type="checkbox"/> The morphology of the mineral phase of bone</li> <li><input type="checkbox"/> Immunohistochemistry</li> <li><input type="checkbox"/> Endometrial hyperplasia and polycystic ovary syndrome</li> <li><input type="checkbox"/> Soft tissues and age related changes</li> </ul>	<p>مجالات الأبحاث</p>	
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الأبحاث المنشورة

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