

Personal Data

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Education

1. Ph.D., Clinical Biochemistry, 1991. University of Salford, England
2. B.Sc., Medical Technology, 1983. Medical College of Georgia, USA.
3. M.Sc., Biological Sciences, 1981. Fairleigh Dickinson University, NJ, USA
4. B.Sc., Biological Sciences, 1977. University of Jordan, Amman, Jordan

Academic Experience

A. Academic Appointments

1. **Professor**, Department of Medical lab Sciences, Faculty of Allied Medical Sciences, Zarqa University, Jordan (Sept 2022-Present)
2. **Professor**, Department of Medical Laboratory Sciences, College of Health Sciences, University of Sharjah, UAE (Feb 2014-2021).
3. **Associate Professor**, Department of Medical Laboratory Sciences, College of Health Sciences, University of Sharjah, UAE (2008-2014).
4. **Visiting Lecturer (Sabbatical year)**, Department of Medical Laboratory Sciences, University of Jordan, Amman, Jordan (2006-2007).
5. **Associate Professor**, Dept of Medical Laboratory Sciences, Hashemite University, Zarka, Jordan (2003-2006).
6. **Assistant Professor**, Dept of Medical Laboratory Sciences, Hashemite University, Zarka, Jordan (2000-2003).
7. **Assistant Professor**, Dept of Medical Laboratory Sciences, Zarka Private University, Zarka, Jordan. (1997-2000)
8. **Assistant Professor**, Dept of Medical Laboratory Sciences, Zaytoonah University, Amman, Jordan (1993-1997).

B. Administrative Appointments

1. **Dean**, College of Health Sciences, University of Sharjah, UAE (Feb 2014-Feb 2017)
2. **Chairman**, Dept of Medical Lab Sciences, College of Health Sciences, University of Sharjah, UAE (2009-2014).
3. **Vice Dean**, Faculty of Allied Health Sciences, Hashemite University, Jordan (2007-2008)
4. **Chairman**, Dept of Medical Laboratory Sciences, Hashemite University, Zarka, Jordan (2002-2006).

C. Teaching Experience

Over 30 years of teaching experience in the field of medical laboratory sciences and other related fields.

1. **Undergraduate level Courses:** Biochemistry, Clinical Chemistry I & II, Hematology I & II, Blood Banking, Phlebotomy, Urinalysis and Body Fluids, Laboratory Management and Supervision, Quality Assurance in Clinical Laboratory, Introduction to Research, General Biology, and Laboratory Methodology & Instrumentation.

2. **Graduate Level Courses:** Enzymology for M.Sc. students (Hashemite University, Jordan); Advanced Clinical Chemistry and Hematopathology for M.Sc. students (2021, University of Sharjah).
3. **Practical Courses:** Biochemistry, Clinical Chemistry I & II, Hematology I & II, Phlebotomy, and Urinalysis & Body fluids.
4. **Students Clinical Training:** Supervision and tutoring students during their clinical training in affiliated hospitals.
5. **Students' advising and mentoring:** Follow up on the academic status of students during the entire period of their study in the university.
6. **Students' research projects:** Supervised numerous research projects for undergraduate students.

D. Supervision of Graduate Students

1. Co-advisor to Mohammed Al-Janaideh, M.Sc. student, Department of Biological Sciences, Hashemite University. Title of Thesis: Allelic frequency distribution and normal values of Haptoglobin in Jordanian Blacks. Graduated July 2003. Principle supervisor, Dr. Mawieh Hamad, Department of Biological Sciences, Hashemite University.
2. Co-advisor to Hamza M Abu Sheikha, M.Sc. Student, Department of Biological Sciences, Hashemite University. Title of Thesis: Assessment of the relationship between Hp polymorphism and total antioxidant status in patients suffering from chronic renal failure. Graduated August 2004. Principle supervisor: Dr. Mawieh Hamad, Department of Biological Sciences, Hashemite University.
3. Co-advisor to Ahmad Rasmi Ramadan, M.Sc. Student, Faculty of Graduate Studies, Jordan University of Science and Technology. Title of Thesis: Haptoglobin polymorphism and major antioxidant enzymes: Association with Diabetic Nephropathy in patients with type 2 Diabetes mellitus. Graduated January 2005. Principle investigator: Dr M Nuseir, Jordan University of Science and Technology.
4. Co-advisor to Huda Ahmad Ismail, M.Sc. Student, Department of Biological Sciences, The Hashemite University. Title of Thesis: Iron status and Haptoglobin polymorphism in hemodialysis patients. Graduated June 2006. Principle investigator: Dr Salem Al Malool, Department of Biological Sciences, The Hashemite University
5. Co-advisor to Ibrahim Mohammed Ghnaim, M.Sc. student, Department of Physics, Hashemite University. Title of Thesis: Dielectric Properties of Blood stored in CPDA-I blood bags. Graduated January 2005. Principle supervisor, Dr. Saadi Abdel Jawwad, Department of Physics, Hashemite University

E. Invited External Examiner of MSc/PhD thesis

1. External examiner for the PhD student, Hayat Al-Jabachi, in Molecular Medicine, College of Medicine, University of Sharjah, May 28, 2020
2. External examiner for the for BBMS end semester examination in Clinical Biochemistry & Toxicology at Gulf Medical University, Ajman, UAE, Dec 12, 2018
3. External examiner for the Practical for BBMS end semester examination in Clinical Biochemistry & Toxicology at Gulf Medical University, Ajman, UAE, February 14, 2017.
4. External examiner for the MSCP Clinical Chemistry course (Practical and Viva voce for three students), November 3, 2016. College of Medicine, Gulf Medical University, Ajman, UAE.
5. External examiner for an MSc thesis in Clinical Pathology, at Gulf Medical University, Ajman, UAE, November 2015. Title of thesis: Vitamin D status in Hypothyroidism and its association with thyroid autoimmunity.
6. External examiner for a PhD candidate (Tawfiq Almadi). The University of Sydney, Australia. Title of thesis: The Role of Work Stress in the Development of

- Metabolic Syndrome Among Jordanians. Graduated June 2014.
7. External examiner for Thuraya Saeed Al Shamisi, M.Sc. student, Environmental Sciences Graduate program at UAEU. Title of thesis: "The effect of Visfatin and Adiponectin on the metabolic parameters of an animal model of type 2 diabetes". Graduated June 2010.
 8. External Examiner for Suzan Al-Banna, M.Sc. Student, Faculty of Graduate studies, University of Jordan. Title of Thesis: Study of Calcium Bioavailability of different local food sources in Rats as compared with that of Milk Calcium. Graduated August 2003. Principle investigator: Prof Hamed Takruri, Dept of Nutrition, University of Jordan.
 9. External Examiner for Imad Abu-Daibes, M.Sc. Student, Faculty of Graduate studies, Jordan University of Science and Technology. Title of Thesis: Association between iron stores and oxidized LDL levels in male patients with atherosclerosis. Graduated January 2005. Principle investigator: Prof. Nizar Abuharfeil. Jordan University of Science and Technology
 10. External Examiner for Jumana Abu-Hishmeh, M.Sc. Student, Faculty of Graduate studies, Jordan University of Science and Technology. Title of Thesis: Small high density lipoprotein subclasses: Measurement of their plasma level by improved immunoassay. Graduated August 2004. Principle investigator: Prof. Ragheb Atmeh Jordan University of Science and Technology
 11. External Examiner for Haitham Abu-Rmaileh, M.Sc. Student, Faculty of Graduate studies, Jordan University of Science and Technology. Title of Thesis: Association between Iron stores and oxidized LDL levels in Beta thalassemia patients in Jordan. Graduated April 2007. Principle investigator: Dr. Salah Abbasi, Jordan University of Science and Technology.

F. Invited External Referee for Academic Promotion of Faculty Members

1. Invited by the department of medical lab technology, University of Tabuk, Saudi Arabia, as external referee for the promotion of a faculty member to the rank of associate professor (March, 2020).
2. Invited by the College of Sciences, Islamic University, Gaza, as an external referee for the promotion of a faculty member to the rank of full professor (Sept, 2019).
3. External referee for the promotion of a Lecturer in the Dept. of Medical Lab Technology, College of Health Sciences, Kuwait, March 2017.
4. Referee for the promotion to the rank of Associate professor, of a faculty members at the College of Health and Health Informatics, King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia, November 2015
5. Referee for the promotion to the rank of Associate professor of a faculty member in the Department of Medical Technology, College of Applied Medical Sciences, Majmaah University, Saudi Arabia, March 2016.

G. Major Academic & Administrative committees

1. University of Sharjah, UAE

- Chair of the College's Promotion Committee, 2014-2021.
- Chair of the Scientific Committee for College of Health Sciences Conference 2019-2020.
- Chair of the Curriculum committee of the MLS department, 2019-2020.
- Head of the Scientific Committee of the Conference " Solutions for a Better Life: World Future Leaders", 21-25 February, 2016, University of Sharjah, UAE
- Member of the Dean's Council at the University of Sharjah, February 2015-2017
- Member of Central Lab Committee, Feb 2015-Feb 2017.
- Member of the Research Development Committee of the University of Sharjah (2014)
- Chair of the College of Health Sciences Study Plan, Curricula, and Accreditation

Committee (2010-2012).

- Member of the University Study Plan, Curricula, and Accreditation Committee (2010-2012)
- Member of the Recruitment Committee, department and college levels (several times)

2. The Hashemite University, Jordan

- Member of The Hashemite University Strategic Plan Committee (2007/2008).
- Head of the Scientific Research Committee at the faculty of Allied Health Sciences (2007/2008).
- Member of the Quality Assurance Center for Academic performance, 2004-2006
- Member of the College Council of the Faculty of Allied Health Sciences, 2001- 2006
- Member of the Tender and Purchasing Committee for the department of Medical Laboratory Sciences, 2000-2001.

3. Zarka Private University, Jordan

- Member of the University Accreditation Committee, 1997-1999
- Member of Curriculum Committee, Medical Laboratory Sciences, 1997-1999
- Member of Students' Clinical Training Committee, 1997-1999

4. Al Zaytoonah University

- Member of Curriculum Committee, 1995-1996
- Member of Tender and Purchasing Committee for the department of Medical laboratory Sciences, 1993-1995.
- Member of Students Clinical Training Committee, 1996-1997

H. External Accreditation and Program-related committees

1. External reviewer for the accreditation of the Clinical Laboratory Sciences program at the Taibah University, Saudi Arabia March 2014.
2. Member of the Accreditation Committee (Council of Higher Education, Ministry of Higher Education, Jordan), for the accreditation of the Medical Lab Sciences program at Zarka Private University, 2007.
3. Member of the Ministry of Health, UAE, committee for "Evaluation of Degrees and Credentials of Medical Lab Technologists", 2011.
4. Chair of the Advisory Committee for the development of Medical Laboratory Sciences program at Balqa Applied University, 2005-2008.
5. Member of the ASCP Advisory Board in the UAE, 2009-present.
6. Designated by ASCP as Program Coordinator of MLS, at the University of Sharjah (2011-present).

Clinical and Technical Experience

1. **Lab Director**, Modern Medical Laboratories, Amman, Jordan (1993-2005).
2. **Consultant and Laboratory Advisor**, Sultan Medical Laboratories, Amman, Jordan (1999-2008).
3. **Head and Consultant of Clinical Chemistry Laboratory**, Asir Central Hospital, Abha, Saudi Arabia (1991-1993)
4. **Supervisor of Clinical Chemistry Laboratory**, Abha General Hospital , Abha, Saudi Arabia (1984-1988).
5. **Medical Technologist**, Medical College of Georgia, USA (1982-1984).

6. **Laboratory Technician**, Dept of Hematology and Blood Banking, Abu Dhabi General Hospital, UAE (1977-1979).
7. **Quality Assurance Consultant and Executive Board Member**; Jordan Medical Solutions Manufacturing Company (JMS), Amman, Jordan (2001-2008).
8. **Clinical Laboratory Technical Advisor**, Consulting Hospital, Amman, Jordan (1999-2005). Duties included setting laboratory layout designs and implementing specifications of laboratory equipment and instrumentation.
9. **Member of the Laboratory Evaluation Committee**, Asir Central Hospital, Abha, Saudi Arabia (1985-1986). Duties included technical advisory for purchasing and acquiring laboratory equipments of Asir Central Hospital.
10. **Member of the Sickle Cell Team**, College of Medicine, Abha, Saudi Arabia (1984-1988). Duties included participation in the establishment of Sickle Cell Clinics at various parts of Asir region; Genetic Counseling for patients and parents of Sickle cell disease; performing laboratory investigation for the diagnosis and screening of Sickle cell disease.

Honors and Awards

1. Research Incentive Award for faculty members of the University of Sharjah, May 2015.
2. University of Sharjah, Best published research article prize. 6th Annual Scientific Research Forum, April 2011
3. The 2nd Abbott Award in Immunochemistry for the Poster with the title "Autoantibodies to oxidized LDL correlate with serum levels of ceruloplasmin in patients with cardiovascular disease". Presented in the IFCC/ Xth Arab Congress of Clinical Biology in Monastir, 2004
4. Dean's List for Academic Excellence in the Department of Medical Technology, Medical College of Georgia, USA, 1981-1983
5. MAGNA CUM LAUDE honor degree for academic distinction in Medical Technology, Medical College of Georgia, USA

Societies & Professional Organizations

1. Member of the ASCP Advisory Board in the UAE, 2009-present.
2. Certified Medical Technologist (MT-ASCP), Board of Registry, American Society of Clinical Pathologists, USA, 1983.
3. Certified Clinical Laboratory Scientist (CLS-NCA), National Certification Agency, USA, 1983
4. Member of the Jordanian Society for Medical Laboratory Sciences, 1997

Research Grants

1. **Possible role of haptoglobin phenotypes and CD163 in the severity of respiratory complications in patients with COVID-19 disease** (submitted for funding, Office of Vice Chancellor for Graduate Studies and Research, June 2020).
2. **Evaluating the interaction of haptoglobin polymorphism with hepcidin and CD163 and their role in iron homeostasis in type 2 diabetes mellitus.** *December 2017.* Funded by the College of Graduate Studies and Research (AED 194,000).
3. **Comparison of the effect of relaxation breathing exercises and low intensity physical activity on perceived stress and salivary cortisol in undergraduate female students.** Principle investigator. *Nov 2016.* Funded by Boehringer Ingelheim Pharmaceutical Company (BI) (AED 6,500).

4. **Metabolic Syndrome and Related Disorders Research Group.** *Sept 2015.* Group Leader, Research institute for Medical and Health Science, University of Sharjah. Supported by grant from College of Graduate Studies and Research (AED 100,000)
5. **Assessment of Lifestyle, Anti-oxidative, Oxidative and Inflammatory Markers in relation to Metabolic Syndrome components among adults in UAE.** Principle investigator. *Sept 2015.* Research institute for Medical and Health Science, University of Sharjah. Supported by a grant from College of Graduate Studies and Research (AED 109,000)
6. **Influence of haptoglobin phenotypes on the expression of CD163 and uptake of hemoglobin-haptoglobin complex by macrophages.** Principle investigator. University of Sharjah. Supported and funded by Boehringer Ingelheim Pharmaceutical Company (BI) (AED 19,000)
7. **Serum levels of Lecithin:Cholesterol Acyltransferase (LCAT) in type 2 Diabetes Mellitus: Correlations with concentration and phenotypes of haptoglobin.** *Feb 2014.* Principle investigator. University of Sharjah. Supported and funded by Boehringer Ingelheim Pharmaceutical Company (BI), (AED 14,000)
8. **On the relationship between estrogen and iron availability and how it bears on Susceptibility to vaginal candidiasis in women of childbearing age.** *Feb 2011.* Co-investigator. University of Sharjah. College of Graduate Studies and Research. (AED 20,000)
9. **Ischemia Modified Albumin in Thalassemia patients: Correlation with Iron Store Status.** *January 2009.* Principle Investigator. University of Sharjah, College of Graduate Studies and Research (AED 20,000)
10. **Cystatin C and Microalbuminuria levels versus Haptoglobin polymorphism in Type 2 Diabetes Mellitus Patients** *June 2004.* Principle investigator. Hashemite University Deanship for Scientific Research. (JD 4500)
11. **Evaluation of bacteriospermia, antisperm antibodies and semen biochemical changes as contributing factors to asthenospermia in subfertile males.** *July 2003.* Co-investigator. Hashemite University Deanship for Scientific Research.
12. **Haptoglobin polymorphism, Ceruloplasmin and oxidized LDL: possible link with cardiovascular diseases.** *June 2001.* Principle investigator. The project was funded by a grant from A.H. Shoman Foundation (JD 20,000).

Publications

A. Published Articles:

1. S. Addae, F Adzaku, **S Mohammed**, and S Annobil. Survival of patients with sickle cell anemia living at high altitude. *Southern Med J*, 1990; 83: 487
2. S. Addae, F Adzaku, **S Mohammed**, and S Annobil. Sickle cell disease in permanent residents of mountain and low altitude in Saudi Arabia. *Trop Geogr Med*; 1990, 42: 342-348
3. S Annobil, M Amojolo, F Adzaku, S Addae and **S Mohammed**. **Cerebrovascular** accidents (strokes) in children with sickle cell disease residing at high altitude of Saudi Arabia. *Ann Trop Paediatr* 1990, 10: 191-198
4. **S Mohammed**, S Suleiman, S Addae, F Adzaku, S Annobil, and J Richards. Urinary hydroxyproline and serum alkaline phosphatase in sickle cell disease. *Clin Chim Acta* 1991, 203: 285-294
5. F. Adzaku, S Addae, S Annobil, and **S Mohammed**. Clinical features of sickle cell disease at altitude. *J Wilderness Med* 1992, 3: 260-268
6. **S Mohammed**, S Addae, S Suleiman, S Annobil, F Adzaku, O Kadoumi and J Richards. Serum calcium, parathyroid hormone and vitamin D status in children and young adults with sickle cell disease. *Ann Clin Biochem* 1993, 30: 45-51.

7. F Adzaku, **S Mohammed**, S Annobil and S Addae. Relevant laboratory findings in patients with sickle disease living at high altitude. *J Wilderness Med* 1993, 4: 374-383
8. M Omojola, S Annobil, F Adzaku, S Addae and **S Mohammed**. Bone changes in sickle cell anemia. *East Afr Med J* 1993, 34: 234-239
9. **Awadallah S** and Hamad M. The prevalence of type II diabetes mellitus is haptoglobin phenotype-independent. *Cytobios* 2000, 101: 145-150
10. Hamad M and **Awadallah S**. Age group-associated variations in the pattern of Hp type distribution in Jordanians. *Clin Chim Acta* 2000, 300: 75-81
11. Abu-Elteen K, **Awadallah S** and Elkarmi A. Antibiotic resistance of bacteria isolates from urine specimens in Amman. *Jordan Med J* 2000, 34: 117-122.
12. **S Awadallah**, Hamad M and Kadoumi O. Phenotype distribution and normal values of Haptoglobin in Asir region of Southern Saudi Arabia. *Bahrain Med Bull* 2001, 23: 8-11
13. **Awadallah S**. Haptoglobin 2-2 phenotype is associated with decreased ferroxidase activity in smokers. *Clin Chim Acta* 2003; (334): 71-76
14. **Awadallah S** and Hamad M. A study of haptoglobin phenotypes in patients with chronic renal failure. *Ann Clin Biochem*, 2003; 40: 680-683.
15. **Awadallah S**, Nuha M. Salem, Suleiman A. Saleh, Mohammad S. Mubarak, Ali Z. Elkarmi. Zinc, magnesium and gamma Glutamyltransferase levels in human seminal fluid. *Bahrain Med Bull*, 2003; 25(3):122-126
16. **Awadallah S**, Hamad M and Jbarah I. Haptoglobin polymorphism and anti-oxidized LDL in patients with cardiovascular disease. *Clinical Chemistry and Laboratory Medicine: Proceedings of the 15th IFCC-FESCC European Congress*, 2003; 223-226
17. **Awadallah S**, Abu-Elteen K, Elkarmi A, Mubarak M and Saleh M. Maternal and cord blood serum levels of zinc, copper and iron in Jordanian pregnant women. *J Trace Elem Exper Med* 2004;17: 1-8.
18. **Awadallah S** and Atoum M. Haptoglobin polymorphism in breast cancer patients in Jordan. *Clin Chim Acta*, 2004; 341(1-2):17-21.
19. Janaydeh M, Hamad M and **Awadallah S**. The relationship between haptoglobin polymorphism and serum ceruloplasmin ferroxidase activity. *Clin Exp Med*, 2004; 3(4): 219-223.
20. Akel SM, Atoum MF, Saleh SA, **Awadallah SM**. Amifostine exerts anti-angiogenic activity and suppresses vascular endothelial growth factor secreted by hemopoietic stem/progenitor cells. *Saudi Med J*. 2005 Oct;26(10):1523-8.
21. **Awadallah S**, Hamad M, Jbarah I, Salem N and Mubarak M. Autoantibodies against oxidized LDL correlate with serum concentrations of ceruloplasmin in patients with cardiovascular disease. *Clin Chim Acta*, 2006; 365(1-2):330-336
22. **Awadallah S**, Saleh S, Abu Shaqra Q, Hilow H. Association of Haptoglobin Phenotypes with markers of diabetic nephropathy in type 2 diabetes mellitus. *J Diabetes and its Complications*, 2008; 22: 384-388.
23. **Awadallah S**, Nisreen A Nimer, Manar F Atoum, and Suleiman A Saleh. Association of Haptoglobin Phenotypes with Ceruloplasmin Ferroxidase activity in Beta Thalassemia Major. *Clin Chim Acta* 2011, 412: 975-979
24. **Awadallah S**, Manar F Atoum, Nisreen A Nimer, and Suleiman A Saleh. Ischemia modified albumin: an oxidative stress marker in b-thalassemia major. *Clin Chim Acta* 2012; 413:907-910.
25. **Awadallah S**. Protein antioxidants in thalassemia. *Advances in Clin Chem* 2013;60:85-128
26. **Awadallah S**, Al Arrayed Kareema, Bahareth Ehsan, Saeed Zainab. Total antioxidant capacity and Ischemia modified albumin in beta thalassemia. *Clinical Laboratory* 2013; 59(5-6):687-691.

27. Hamad A, **Awadallah S**, Nasr H. The relationship between haptoglobin polymorphism and oxidative stress in hemodialysis patients. *J Medical Biochemistry* 2013; 32(3): 220-226.
28. **Awadallah S**, Ramadan A, Nusair M. Haptoglobin polymorphism in relation to antioxidative enzymes activity in type 2 diabetes mellitus. *Diabetes & Metabolic Syndrome: Clinical Research & Review* 2013; 7(1):26-31.
29. Hamad M and **Awadallah S**. Estrogen-dependent changes in serum iron levels as a translator of the adverse effects of estrogen during infection: A conceptual framework. *Medical Hypotheses* 2013; 81: 1130–1134
30. Hamad M, Kazandji N, **Awadallah S**, Allam H. Prevalence and epidemiological characteristics of vaginal candidiasis in the UAE. *Mycoses* 2014 Mar;57: 184-90
31. Hayder Hassan, Amita Attlee, Veena Raigangar, Mohammed Madkour, **Samir Awadallah**. Proprotein convertase subtilisin/kexin type 9 (PCSK9) and Metabolic syndrome components among young adult females. *Diabetes Metab Syndr*. 11S (2017) S337–S341
32. **Samir Awadallah**, Reem Al Hamidi, Esraa Abo Alwafa, Maram Hattab, Buhour Zakkour Amna Al-Matroushi, Eslah Ahmed, and Mariam Al-Kitbi. Plasma levels of Apolipoprotein A1 and Lecithin:Cholesterol Acyltransferase in type 2 Diabetes Mellitus: Correlations with haptoglobin phenotypes *Diabetes Metab Syndr*. 11S (2017) S543–S546
33. Khuloud Bajbouj, Jasmin Shafarin, Hilda Allam, Mohamed Madkour, **Samir Awadallah**, Ahmed El-Serafy, Divyasree Sandeep, Mawieh Hamad. Elevated levels of estrogen suppress hepcidin synthesis and enhance serum iron availability in premenopausal women", *Exp Clin Endocrinol Diabetes*. 2018 Jul, 126(7): 453-459
34. Amita Attlee, Hayder Hasan, Afra AlQattan, Nada Sarhan, Razan Alshammari, Shaikha Ali, Maryam Nabil, Alaa Alattrash, Veena Raigangar, Mohamed Ibrahim Madkour Zaher, **Samir Awadallah**. Relationship of Salivary Adipocytokines, Diet Quality and Physical Activity with Nutrition Status in Adult *Emirati* Females. *Diabetes Metab Syndr*. 2019 Jan - Feb;13(1):40-46
35. Mohamed I. Madkour, Ahmed El-Serafi, Haitham A. Jahrami, Naglaa M Sherif, Rasha E. Hassa, **Samir Awadallah**, “Mo’ez Al-Islam” E. Faris. Ramadan diurnal intermittent fasting modulates SOD2, TFAM, Nrf2, and sirtuins (SIRT1, SIRT3) gene expressions in subjects with overweight and obesity. *Diabetes Research and Clinical Practice*, 155 (2019) 107801
36. **Samir Awadallah**, Hayder Hasan, Amita Attlee, Veena Raigangar, Hema Unnikannan, Mohamed Madkour, Mini Sara Abraham, Latifa M Rashid. Waist circumference is a major determinant of oxidative stress in subjects with and without metabolic syndrome. *Diabetes Metab Syndr*, (2019); 13(4): 2541-2547
37. **Samir Awadallah**, Jalal Taneera, Abdul Khader Mohammed, Hema Unnikannan, Nabil Sulaiman. Combined intake of glucose- and lipid-lowering medications further elevates plasma levels of PCSK9 in subjects with type 2 diabetes mellitus (*Diabetes Metab Syndr*. 2020 Nov-Dec, 4 (6).
38. Mohamed Madkour, Rasha Hassan, Najla Sherif, **Samir Awadallah**, Ahmed Serafi, Haitham Jahrami, MoezAlIslam Faris. Modulation of Anti-Oxidant, Anti-Inflammatory and Metabolism-Controlling Genes Expressions by Ramadan Intermittent Fasting: A Prospective Observational Study. *Curr Dev Nutr*. 2020 June; 4(Suppl 2): 1265.
39. Jalal Taneera, **Samir Awadallah**, Abdul Khader Mohammed, Hema Unnikannan, Nabil Sulaiman. Vitamin A levels are decreased but not influenced by glucose- or lipid-lowering medications in subjects with type 2 diabetes. *Saudi J Biol Sci*. 2021 Jan; 28(1): 572–577.

40. H Hasan, M Madkour, **S Awadallah**, M Hassanein, H Jahrami, MAI Faris. Ramadan Intermittent Fasting Is Associated with Changes in Circulating Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) in Metabolically Healthy Obese Subjects. *Medicina* 2022, 58 (4), 503
41. Amjad Ali, Hema Unnikannan, Jasmin Shafarin, Khuloud Bajbouj, Jalal Taneera, Jibrán Sualeh Muhammad, Haydar Hasan, Albert Salehi, **Samir Awadallah**, Mawieh Hamad. Metformin enhances LDL-cholesterol uptake by suppressing the expression of the pro-protein convertase subtilisin/kexin type 9 (PCSK9) in liver cells. *Endocrine* 2022; March 2; 1-15. doi: 10.1007/s12020-022-03022-x.
42. Mohamed I. Madkour, Rasha E. Hassan, Naglaa M. Sherif, **Samir Awadallah**, Dana N. Abdelrahim, Haitham A. Jahrami, Katia Abu Shihab, MoezAllIslam E. Faris. Haptoglobin polymorphism modulates cardiometabolic impacts of four consecutive weeks, dawn to sunset Ramadan intermittent fasting among subjects with overweight/obesity. *Diabetes Research and Clinical Practice*, 2022 Aug;190:110024
43. Hayder Hasan, Amita Attlee, Veena Raingar, Hema Unnikannan, Mohamed Madkour, **Samir Awadallah**. Haptoglobin concentrations and phenotypes associations with obesity measures and inflammatory biomarkers in overweight /obese adults. (*In revision, Arab Journal of Basic and Applied Sciences*).
44. Jibrán Sualeh Muhammad; Bilal Rah; Haydar Hassan; Jalal Taneera; Abdul Soofi; Samir Awadallah. Revisiting the logic of countering hypercholesterolemia by anti-PCSK9 antibodies. (*Submitted to Atherosclerosis*)

B. Abstracts and Conference Presentations

1. **Invited Speaker** in the 5th Emirati-German Congress in Medicine, University of Sharjah, 26-28 Nov 2017. "Role of oxidative stress in the pathogenesis of metabolic syndrome"
2. **Invited speaker** in the Metabolic Syndrome Conference by Cleveland Clinic and Informa, October 2017, Abu Dhabi
3. **Invited speaker** in the IFCC-WorldLab, Istanbul 2014, 22nd International Congress of Clinical Chemistry and Laboratory Medicine. "*Emerging Vascular Marker: Antioxidant defence mechanisms in diabetes*". Istanbul, Turkey June 22-26, 2014.
4. **Awadallah S**, Ramadan A, Nusair M. "*The effect of Haptoglobin polymorphism on the status of antioxidative enzymes in type 2 diabetes mellitus*". EuroMed lab, the 20th IFCC-EFCC European Congress of Clinical Chemistry and Laboratory Medicine. Milano, Italy; 19-23 May 2013.
5. S Rouab, **S Awadallah**, R Abu Odeh. *Vitamin D status among non-menopausal women in UAE*. Presented at "The First Regional Nutrition Conference: Nutrition Challenges in the East Mediterranean Region", Doha, Qatar, March 28-29, 2011.
6. **S Awadallah** and M Atoum. *Haptoglobin polymorphism in breast cancer patients in Jordan*. "Middle East and North Africa (MENA) Cancer Research Conference", September 3-4, 2007, Amman, Jordan
7. **S Awadallah**, M Hamad and I Jbarah. *Autoantibodies to oxidized LDL correlate with serum levels of ceruloplasmin in patients with cardiovascular disease (Abstract)*. Presented in the IFCC/ Xth Arab Congress of Clinical Biology in Monastir, 2004.
8. **S Awadallah**, M Hamad and I Jbarah. *Haptoglobin polymorphism versus oxidized LDL autoantibodies in patients with cardiovascular disease (Abstract)*. Presented at *The 15th IFCC-FESCC European Congress, Barcelona, Spain, June 2003*.

9. **S Awadallah** and M Hamad. *Haptoglobin polymorphism and Diabetes Mellitus Type II in Jordan*. Presented at "The 1st Conference in Medical and Biological Sciences of Zarka Private University". Zarka, Jordan, April 1999.
10. **S Awadallah**, et al. *Alkaline phosphatase and Hydroxyproline in sickle cell disease*. Presented at "The 8th Arab Conference of Clinical Biology and the 1st Jordanian Conference of Medical Laboratory Sciences", Amman, Jordan, April, 1997.
11. **S Awadallah**, et al. *Calcium Metabolism in Sickle cell disease in Saudi Arabia: Possible link with sicklemic osteoporosis*. Presented at the " International Congress on Genetic Diseases of Hemoglobin", Nice, France, November 1991 Elsevier

Conferences and Workshops

1. Participation in conducting workshop titled titled "Touching Clinical lab Results Pain Points Workshop", CSTC, Medical & Health Science College Campus, University of Sharjah. March 7, 2019 (CPD 4.5 points)
2. Member of the Program Committee of the Pathology Update 2017 Conference, 14-15 November, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai.
3. Scientific Chairman of the Metabolic Syndromes Conference, 27th October 2017, Abu Dhabi National Exhibition Centre United Arab Emirates
4. Training workshop on "Strategic Planning and Leadership in Higher Education", organized by the Institute of Leadership in Higher Education, Sept 12-14 2017, University of Sharjah., UAE
5. Head of the Scientific Committee of the Conference " Solutions for a Better Life: World Future Leaders", 21-25 February, 2016, University of Sharjah, UAE
6. Member of the Higher Organizing Committee of the Conference: " Solutions for a Better Life: World Future Leaders", 21-25 February, 2016, University of Sharjah, UAE
7. Moderator of Oral Presentation session in the ASCP Middle East 2014 Abu Dhabi, UAE, 11-12 December 2014.
8. Attended training workshop organized by Cytomed Middle East on using and operating the BD Accuri C6 flow cytometer (29/9/2013)
9. Workshop in "Leadership in Higher Education" , Center for Health-Professionals Education, Leadership & Research, UoS, December, 2011
10. The First Regional Nutrition Conference: Nutrition Challenges in the East Mediterranean Region, Doha, Qatar, March 28-29, 2011.
11. Workshop in "Revisiting Team-Based Learning (TBL) in Medical & Health Science Education", by Medical & Health Sciences Colleges, Faculty Development Program, UoS, September 16th 2010
12. Workshops in "Evidence-Based Healthcare", by CCEPD, UoS, June 17-19, 2010
13. Workshop in "Team-Based Learning (TBL) in Medical & Health Science Education", by Medical & Health Sciences Colleges, Faculty Development Program, UoS, November 14-15, 2009.
14. Workshop in "Quality, Standards & Accreditation in Health Professions Education" University of Sharjah, Medical and Health Sciences Colleges. March 2009.
15. Training sessions in "Course Building and Blackboard Grade Center Tool". University of Sharjah, Information Technology Center. March 2009.
16. Advances in Cancer Research: From the Laboratory to the Clinic. March 16-19, 2008, Dead Sea, Jordan.

17. "Middle East and North Africa (MENA) Cancer Research Conference". King Hussein Cancer and Biotechnology Institute (KHCBI), National Cancer Institute (USA) and Duke University., September 3-4, 2007, Amman, Jordan
18. "The 2nd JSP International Conference". Jordan Society of Pathology and Laboratory Medicine. August 31-September 3, 2006, Amman, Jordan.
19. The "6th Jordanian Chemistry Conference", The Hashemite University, December 2005.
20. The "First Scientific Day" for the Faculty of Allied Health Sciences, The Hashemite University, April 2005.
21. Workshop in "Development of Rules and Regulation for the Accreditation of Paramedical Curriculum in Jordanian Universities", by the Ministry of Higher education and Research, Zaytoonah University, December, 2004.
22. Symposium on "The role of modern communication in Distance Education", Yarmouk University, Irbid, Jordan, July 2004.
23. The Xth Arab Congress of Clinical Biology, Monastir, Tunisia, May 2004.
24. Electronic Learning Workshop series: Hands on training in FrontPage applications, Macromedia-flash, -fireworks, -Dreamweaver and -authoring tools, construction of courses on the web; Hashemite University (July 8-Sep 4, 2003).
25. Euromedlab 2003; the 15th IFCC-FECC European Congress of Clinical Chemistry and Laboratory Medicine. Barcelona, Spain, June 1-5, 2003
26. A training workshop for Effective Classroom Teaching Strategies for University Undergraduate Students held at the Hashemite University Campus November, 2000.
27. The 1st Conference in Medical and Biological Sciences of Zarka Private University". Zarka, Jordan, April 1999.
28. The 8th Arab Conference of Clinical Biology and the 1st Jordanian Conference of Medical Laboratory Sciences", Amman, Jordan, April,1997.
29. Workshop of "Quality Control and Quality Assurance in the Clinical Laboratory", the 8th Arab Conference of Clinical Biology and the 1st Jordanian Conference of Medical Laboratory Sciences". Amman, Jordan, April 1997
30. International Congress on Genetic Diseases of Hemoglobin", Nice, France, November 1991
31. Workshop of "Advanced Clinical Electrophoresis" by Helena Laboratories, Georgia, USA 1982

Community Services and Extracurricular Activities

1. Organizing and coordinating the "ASCP Certification Preparation: The MLS Course", Feb 2-3, 2018, College of Health Sciences, University of Sharjah, UAE.
2. Selected by the Cleveland Clinic Center for Continuing Education as an Activity Director in the Metabolic Syndrome Conference held in Abu Dhabi, October 27, 2017.
3. Program Committee member of the "Pathology Update 2017" organized by the ASCP, November 14-15, 2017, Dubai, UAE
4. External Examiner for Graduate and Undergraduate students in Clinical Biochemistry & Toxicology of the Gulf Medical University, Ajman, UAE.
5. External referee for the promotion of Lama A. Al-Safadi, Lecturer in the Dept. of Medical Lab Technology, College of Health Sciences, Kuwait, March 2017.
6. External Reviewer for the promotion of a faculty member (Dr. Basema Ahmad Saddik) to the rank of Associate professor at the College of Health and Health Informatics, King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia, November 2015

7. External Reviewer for the promotion of a faculty member (Moattar Raza Rizvi) to the rank of Associate professor at the Department of Medical Technology, College of Applied Medical Sciences, Majmaah University, Saudi Arabia, March 2016.
8. Member of the UAE Nursing and Midwifery Council, March 2015-Feb 2017.
9. External Reviewer for the Clinical Laboratory Sciences Program at the Taibah University, Saudi Arabia March 2014
10. Coordinating and conducting an educational course titled "Orientation for the Certification Exam of the American Society for Clinical Pathology (ASCPi)". The course was targeted towards Medical Lab employees and/or graduates and comprised 136 contact hours covering all disciplines of clinical laboratory. Feb 11 to April 28, 2012.
11. Member of the American Society for Clinical Pathology (ASCP) Advisory Board in UAE (2010-present)
12. Member of the Lab Technologists Recruitment Committee for the University Hospital in Sharjah, 2010/2011.
13. Member of the MOH committee for "Evaluation of Degrees and Credentials of Medical Lab Technologists", 2011.
14. Member of the ad hoc committee for the Sharjah Islamic Bank Award for faculty members in Research 2011
15. Member of the editorial board for the scientific journal Clinica Chimica Acta, published by Elsevier, Netherlands, 2007-present.
16. Served as an external reviewer of several peer-reviewed international journals including: J of Diabetes and its Complications, Clinica Chimica Acta, Jordan Journal of Biological Sciences.
17. Invited lecturer about Vitamin D during the activities of "Nutrition Months & World Health Day" at UOS. April 2011
18. Participated as a judge for Poster evaluation during the Scientific Day of the College of Pharmacy. May 2012.
19. Member of the Medical Laboratory Sciences Accreditation Committee, Council of Higher Education, Ministry of Higher Education, Jordan. For the accreditation of the academic program at Zarka Private University. 2007.
20. Chairman of the Advisory Committee for the development of Medical Laboratory Sciences program at Balqa Applied University, 2005-2008.
21. Member on the organizing committee of "The 8th Arab Conference of Clinical Biology and the 1st Jordanian Conference of Medical Laboratory Sciences", Jordan, April, 1997.
22. Member of the organizing committee of the First Conference of Medical and Biological Sciences, Zarka Private University, April 1999.