

# السيرة الذاتية



الاسم: د. فلاح سموم دغل الفرطوسي

محل وتاريخ الولادة: بغداد/ 1974

الجنسية: عراقي

الجنس: ذكر

الحالة الزوجية: متزوج

عدد الأولاد: ثلاثة

التحصيل العلمي: دكتوراه في الكيمياء من بريطانيا

اللقب العلمي: أستاذ

الأختصاص الدقيق: الكيمياء الحياتية التحليلية

العنوان:

البيت: العراق/ بغداد/ مدينة الصدر/قطاع 3/ محلة 521/ زقاق 63/ دار 5.

العمل: العراق/ بغداد/ الجامعة المستنصرية/ كلية العلوم/ قسم الكيمياء.

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اللغات: العربية والأنكليزية.

الهوايات: الرياضة، الحاسوب والانترنت، القراءة، التصوير وسماع الموسيقى.

المؤهلات العلمية:

- دكتوراه بالكيمياء الحياتية التحليلية من جامعة سسكس في بريطانيا، 2011.
- ماجستير بالكيمياء الحياتية من الجامعة المستنصرية في العراق، 2001.
- بكالوريوس بالكيمياء العامة من الجامعة المستنصرية في العراق، 1999.

## المهارات والخبرات:

- خبرة قيادية في التنظيم والأدارة وفن إدارة الوقت.
- قدرة كبيرة في التخطيط الاستراتيجي وأدارة وتطوير البرامج الأنمائية في التعليم العالي و المجتمع المدني.
- كفاءة وخبرة عالية بتقنيات الكروموتوغرافيا و مطيافية الكتلة.
- خبرة كبيرة ببرامج النمذجة الجزيئية مثل VMD و ChemDraw و Accelrys DS.
- مهارات أدارية وقيادية عالية ببرامج المايكروسوفت أوفس وقواعد البيانات.
- خبرة عالية ببرامج الفوتوشوب والأحصاء وأدارة المراجع.

## العضوية بالجمعيات والمؤسسات:

- رئيس رابطة التدريسيين في كلية العلوم/ الجامعة المستنصرية.
- رئيس منتدى سراج الثقافي.
- نائب رئيس الهيئة الأدارية لمؤسسة سراج فاطمة للايتام.
- عضو الجمعية الكيميائية العراقية.
- عضو الجمعية العراقية للكفاءات العلمية.
- عضو الاتحاد العراقي للتدريسيين الجامعيين.
- عضو نقابة المعلمين العراقية.

## الخبرات الأدارية وعضوية اللجان والمساهمات الأتماعية:

- مدير قسم التقويم وتعادل الشهادات/ وزارة التعليم العالي والبحث العلمي/ العراق 2012-2014.
- رئيس فرع الكيمياء الحياتية/ كلية العلوم/ الجامعة المستنصرية منذ 2014 و لحد الآن.
- رئيس هيئة تحرير مجلة واحة العلوم 2014-2015.
- رئيس اللجنة التنظيمية لمؤتمر الدراسات العليا في قسم الكيمياء/ كلية العلوم/ الجامعة المستنصرية للأعوام 2012-2013، 2014-2015 و 2015-2016 و 2018-2019.
- رئاسة وعضوية أكثر من 27 لجنة وزارية معنية ببناء ورسم أستراتيجيات التعليم العالي و وضع و تعديل الضوابط والتعليمات الخاصة بوزارة التعليم العالي والبحث العلمي.

- عضوية اللجان العلمية والدراسات العليا ومجلس القسم في قسم الكيمياء/ كلية العلوم/ الجامعة المستنصرية منذ 2014 ولحد الآن.
- ناشط مدني ورئيس لعدة مؤتمرات وندوات وورش عمل متعلقة بنشاطات مؤسسات المجتمع المدني.

### الخبرات العملية والتدريسية:

- أستاذ الكيمياء الحياتية للدراسات الأولية والعليا في قسم الكيمياء/ كلية العلوم/ الجامعة المستنصرية منذ 2019 ولحد الآن.
- أستاذ مساعد الكيمياء الحياتية للدراسات الأولية والعليا في قسم الكيمياء/ كلية العلوم/ الجامعة المستنصرية منذ 2013-2019.
- مدرس الكيمياء الحياتية (الايض) في قسم الكيمياء/ كلية العلوم/ جامعتي المستنصرية وكربلاء 2011-2013.
- مدرس مساعد للكيمياء الحياتية في قسم البيولوجي/ كلية العلوم/ الجامعة المستنصرية 2001-2007.
- معاون كيميائي في مختبر الكيمياء الحياتية في قسم الكيمياء/ كلية العلوم/ الجامعة المستنصرية 1999-2001.
- المشاركة في جميع المؤتمرات العلمية في كلية العلوم/ الجامعة المستنصرية منذ 2001 ولحد الآن.
- أشرف على عدد من طلبة الماجستير والدكتوراه والمشاركة في عدة لجان مناقشة للماجستير والدكتوراه في جامعات مختلفة.
- مقوم علمي في مجالات علمية محكمة خارجية وداخلية ومقوم علمي للعديد من الترقيات العلمية في الجامعات العراقية المختلفة.
- عضو اللجنة العلمية للمؤتمر الدولي الثالث للعلوم الجنائية والطب العدلي في العراق المنعقد في جامعة النهرين للفترة 5-6 كانون الاول 2018 ، بغداد / العراق.
- عضو اللجنة التحضيرية للمؤتمر الدولي لعلوم الكيمياء المنعقد في الجامعة المستنصرية للفترة 17-18 كانون الاول 2020 ، بغداد / العراق

## التشكرات والشهادات التقديرية:

- 32 كتاب شكر وتقدير من وزير التعليم العالي والبحث العلمي.
- كتابي شكر وتقدير من وكيل وزير التعليم العالي والبحث العلمي.
- كتاب شكر وتقدير من وزير الزراعة.
- 27 كتاب شكر وتقدير من رئيس الجامعة المستنصرية.
- 4 كتب شكر وتقدير من مدير عام دائرة البعثات والعلاقات الثقافية.
- 31 كتب شكر وتقدير من عميد كلية العلوم.
- 24 كتاب شكر وتقدير من عمداء كليات مختلفة.
- شهادة تقديرية من وزير التعليم العالي والبحث العلمي.
- شهادتين تقديريتين من رئيس الجامعة المستنصرية.
- 13 شهادة تقديرية من جهات مختلفة للمساهمات المتميزة في خدمة المجتمع.

## الكتب المؤلفة:

1. عبدالجبار خلف، فلاح سموم وآخرون، المركبات العضوية واللاعضوية المحضرة في جامعة بغداد كلية التربية للعلوم الصرفة أبن الهيثم للأعوام 2007 الى 2017، دار الذاكرة للنشر والتوزيع، بغداد 2019.
2. حسنين كامل، عبدالجبار خلف، فلاح سموم وآخرون، المركبات العضوية واللاعضوية المحضرة في جامعة النهريين كلية العلوم للأعوام 2007 الى 2017، دار الذاكرة للنشر والتوزيع، بغداد 2019.
3. Falih, S., Al-Fartusie, F.S. and Tahir, N.T. Growth hormone deficiency in children and adolescents. Scholars' Press (2020). ISBN-13: 978-613-8-94553-6

## براءات الاختراع:

1. سحر عبد الله كاظم، عبدالجبار خلف، فلاح سموم وآخرون، تحضير مرهم دوائي جديد لعلاج الالتهابات الجلدية باستخدام مُشتق الایمیدازول المشتقة من بنزويل كلوراي. الجهاز المركزي للتقييس والسيطرة النوعية، وزارة التخطيط، بغداد 2018.

2. فلاح سموم ، نور ثائر و سجي صباح، تقييم هرمون النمو الشبيه بالأنسولين المرتبط بالبروتين-3 (IGFBP-3) في لعاب الاطفال والمراهقين قصار القامة. الجهاز المركزي للتقييس والسيطرة النوعية، وزارة التخطيط، بغداد 2021.

#### البحوث المنشورة:

1. Al-Bayati, R.I., Mislih, R.K. and Al-Fartusie, F.S. (2002). Effect of some oximes on the activity of inhibited AChE. Iraqi Journal of Chemistry 28, 613-618.
2. Mislih, R.K., Al-Fartusie, F.S. and Al-Bayati, R.I. (2002). Effect of vitamin B12 on the activity of inhibited AChE. Iraqi Journal of Chemistry 28, 677-684.
3. Al-Fartusie, F.S., Al-Bayati, R.I. and Mislih, R.K. (2002). Effect of some thiosemicarbazone compounds on human serum AChE activity. Iraqi Journal of Chemistry 28, 789-797.
4. Al-Fartusie, F.S. (2004). Effect of new derivatives of 4-aminoantipyrine on the activity of ChE enzyme. Al-Taqani Journal 17, 58-70.
5. Al-Fartusie, F.S. and Abdul-Husain, M.S. (2004). Effect of atropine on the activity of inhibited AChE by some 4-aminoantipyrine derivatives. Al-Taqani Journal 17, 47-59.
6. Al-Fartusie, F.S.D. (2005). Inhibiting the Cholinesterase Enzyme Activity by New Derivatives of Phenindione. Al-Taqani Journal 18, 44-56.
7. Al-Abodi, A.-J.K.A., Al-Fartusie, F.S. and Thani, M.Z. (2005). Synthesis of New Nicotinic Acid Derivatives and Study of Their Effects on Cholinesterase Enzyme Activity. Al-Taqani Journal 18, 57-66.
8. Al-Fartusie, F.S., Marzook, A.T. and Morad, T.S. (2012). Study of Some Trace Elements and Antioxidant Vitamins in Sera of Iraqi Women with Toxoplasmosis. Al-Mustansiriyah Journal of Science 23, 199-206.
9. Al-Garawi, Z.S., Al-Fartusie, F.S., Al-Mandlawi, H.B. and Al-Zaidi, N.K. (2012). A Study Case on the Impact of Prolonged Exposure to Cell Phone Radiation, among Iraqi Students, on RBC- AChE Activity. Biochemistry and Analytical Biochemistry Journal 1, 1-4.
10. Al-Garawi, Z.S., Al-Fartusie, F.S. and Al-Bairmani, H.K. (2012). Is Hyperglycemia or Toxoplasmosis the Suspect of Spontaneous Abortion in Neonates in Baghdad Women? Journal of Basic and Applied Chemistry 2, 29-34.

11. Al-Garawi, Z.S., Al-Fartusie, F.S. and Al-Fatlawi, H.J. (2015). The impact role of using dental amalgam "silver" fillings on the cholinergic and endogenous adrenergic activity. *International Journal of Pharma and Bio Sciences* 6, 804-813.
12. Al-Fartusie, F.S., Hafudh, A. and Mustafa, N. (2015). Serum levels of vitamins A, C and D in Iraqi patients with lung cancer as well as in cigarette smokers. *International Journal of Research in Pharmacy and Chemistry* 5(4), 683-688.
13. Alhamd, A.K.J., Al-Fartusie, F.S., Zuein, K.H., Hassin, A.M. and Rasool, A.A. (2015). New technique for extraction and characterization of bioactive compounds from iraqi vitis-vinifera leaves. *World journal of pharmacy and pharmaceutical sciences* 4(12), 135-147.
14. Al-Fartusie, F.S. and Mohssan, S.N. (2017). Essential trace elements and their vital roles in human body. *Indian journal of advances in chemical science* 5(3), 127-136.
15. Al-Fartusie, F.S., Mohssan, S.N. and Risan, F. A. (2017). Estimation of Total Thyroxine, Prolactin and Testosterone Hormones in Sera of Iraqi Schizophrenic Patients. *Journal of Basic and Applied Chemistry* 7(2), 1-7.
16. Al-Fartusie, F.S., Hafudh, A., Mustafa, N., Al-Bairmani, H., Majid, A.Y. (2017). Levels of Some Trace Elements in Sera of Patients with Lung Cancer and in Smokers. *Indian journal of advances in chemical science* 5(4), 344-352.
17. Al-Bairmani, H.K., Abdulhameed, Q.M. and Al-Fartusie, F.S. (2018). Estimation of Adenosine Deaminase in Adult Iraqi Patients with  $\beta$ -Thalassemia. *Journal of Global Pharma Technology* 10(06), 393-397.
18. Al-Fartusie, F.S., Al-Bairmani, H., Al-Garawi, Z.S. and Yousif, A.H. (2019). Evaluation of Some Trace Elements and Vitamins in Major Depressive Disorder Patients: a Case–Control Study. *Biological Trace Element Research*. 189, 412–419.
19. Al-Fartusie, F.S., Al-Bairmani, H., Eltayef, E.M. and Yousif, A.H. (2018). Indirect Effect of Smoking on Liver Function: A Comparative Study among Iraqi Students in Baghdad City. *Indian Journal of Public Health Research & Development* 9(12), 805-809.
20. Al-Fartusie, F.S., Mohssan, S.N., Risan, F. A. and Yousif A.H. (2019) Evaluation of Trace Elements and Heavy Metals in Schizophrenic Patients in Iraq. *Research J. Pharm. and Tech* 12(1), 185-191.
21. Al-Fartusie, F.S., Nabil, N and Zgeer, D.S. (2019) Evaluation of lipid profile and thyroid function in hyper and hypotensive patients: a case control study. *Indian Journal of Public Health Research & Development* 10(4), 609-614.

22. Al-Fartusie, F.S., Mohssan, S.N., Yousif A.H. and Faris A.H. (2019) Evaluation of the Influence of some Antioxidant Agents in Patients with Schizophrenia: A Case–Control Study. *Indian journal of advances in chemical science* 7(1), 29-34.
23. Majid, M., Al-Fartusie, F.S. and Zgeer, D.S. (2019) Dermatoglyphics and Type 2 Diabetes Mellitus: Review. *Journal of Global Pharma Technology* 11(05S), 349-357.
24. Abbed, A.M., Al-Fartusie, F.S., Murtadha, M.K., Abdulsada, S.H., Farag, A.H., Ali, L.M. and Yasir, Y.A. (2019) Characterizations of Lavender Flowers Extracts and Study of their Effects on Peroxidase Activity and Some Microorganisms. *Journal of Global Pharma Technology* 11(07S), 181-191.
25. Falih, S., Al-Fartusie, F.S. and Tahir, N.T. (2020) Association between lipid profile and other biochemical parameters with growth hormone in children and adolescents with short stature. *International Journal of Research in Pharmaceutical Sciences* 11(3), 4295-4302.
26. Farhan, M.N., Al-Fartusie, F.S. and Hamid, S.L. (2020) Evaluation of lipid profile and liver function in acute pancreatitis patients: a case control study. *Annals of Tropical Medicine & Public Health* 23(S18), SP231826.
27. Al-Fartusie, F.S., Majid, M. and Zgeer, D.S. (2020) Sex determination from hand dimensions and digital distal phalanx measurements to the Iraqi population residing in Baghdad. *International Journal of Medical Toxicology & Legal Medicine* 23(3-4), 333-343.
28. Falih, S., Al-Fartusie, F.S. and Tahir, N.T. (2021) A new clinical test to diagnose growth hormone deficiency in saliva of patients with short stature. *Annals of Tropical Medicine & Public Health* 24(4), 7-13.
29. Khadim, R.M. and Al-Fartusie, F.S. (2021) Evaluation of Liver Function and Lipid profiles in Iraqi patients with Rheumatoid Arthritis. *Journal of Physics: Conference Series* 1853, 012040.
30. Al\_Saadi, M.R., Al-Fartusie, F.S. and Thani, M.Z. (2021) Evaluation of lead, cadmium, copper and zinc levels and studying their toxic effect in sera of private electrical generator workers. *Journal of Physics: Conference Series* 1853, 012044.
31. Khadim, R.M. and Al-Fartusie, F.S. (2021) Antioxidant vitamins and their effect on immune system. *Journal of Physics: Conference Series* 1853, 012065.

## المشاركة بالمؤتمرات والدورات التدريبية:

1. The International Conference of Chemistry (ICC2020), 17-18 December 2020, Mustansiriyah University, Baghdad, Iraq.
2. The First International Conference of Scientific Research, 26-27 October 2020, Institute of Medical Technology-Almansour, Middle Technical University, Baghdad, Iraq.
3. The Third International Forensic Sciences and Forensic Medicine Conference in Iraq (3rd IFSFMCI), 5-6 December 2018, Al-Nahrain University, Baghdad, Iraq.
4. The First International Conference on Safety and Security of the Scientific Applications (ICSSSA), 26 - 27 September 2018, Mustansiriyah University, Baghdad, Iraq.
5. The First International Conference of Pure Science 2018 (ICPS 2018), 14-15 March 2018, University of Babylon, Hilla, Iraq.
6. The Second International Forensic Sciences and Forensic Medicine Conference in Iraq (2nd IFSFMCI), 6-7 December 2017, Al-Nahrain University, Baghdad, Iraq.
7. The First International Forensic Sciences and Forensic Medicine Conference in Iraq (1st IFSFMCI), 27-29 September 2016, Al-Nahrain University, Baghdad, Iraq.
8. U.S. Embassy EducationalUSA Building Bridges Workshop Programme, 2013, Baghdad, Iraq.
9. Training Programme on pre steady-state enzyme kinetics (Stopped Flow Spectroscopy), 13 November 2010-11 February 2011, RMIT University, Melbourne, Australia.
10. The 4th European Meeting in OxiZymes and the 9th International Symposium on Peroxidases in Leipzig, 14-16 June 2010, Leipzig University, Leipzig, Germany.
11. South West Structural Biology Consortium. 30<sup>th</sup> June and 1<sup>st</sup> July 2009, University of Sussex, Brighton, UK.
12. BCA - British Crystallographic Association, 27th Annual Spring Meeting, 21-23 April 2009, University of Loughborough, Loughborough, UK.
13. Education Symposium-The Leadership of Learning, Centre for Excellent in Leadership, RWABIT, 16-19 April 2007, Amman, Jordan.
14. Training Programme for Iraqi Participants in Egypt (TRIP-GTZ). Advanced Fluid Systems, 7-19 September 2006, Cairo, Egypt.



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# Curriculum Vitae

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**Name:** Dr. Falah Sumoom Daghah Al-Fartusie

**Place and Date of Birth:** Baghdad, 1974

**Nationality:** Iraqi

**Gender:** Male

**Marital Status:** Married

**Number of Children:** Three

**Title:** Professor



## Addresses:

**Home:** Iraq, Baghdad, Al-Sadr City, Sec. 3, Mahala 521, Street. 63, House 5.

**Work:** Iraq, Baghdad, Mustansiriyah University, College of Science, Department of Chemistry.

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[sci.falah.al\\_fartusie@uomustansiriyah.edu.iq](mailto:sci.falah.al_fartusie@uomustansiriyah.edu.iq)

**Languages:** Arabic (Native) and English (Fluent).

**Characters:** Quick learner, Initiative, Patient, Ambitious.

**Hobbies:** Sport, Computer Science and Internet, Reading, Photography and Listening to Music.

## Education:

- **Ph.D. in Analytical Biochemistry (2011)**, Dept. of Biochemistry, School of Life Sciences, Sussex University, UK. Thesis title: "Engineering and Characterization of Novel Protein Covalent Linkages in Horseradish Peroxidase (HRP): Effect on Structure and Function". The full thesis is available at <http://sro.sussex.ac.uk/7422/>.
- **M.Sc. in Biochemistry (2002)**, Dept. of Chemistry, College of Science, Mustansiriyah University, Iraq. Dissertation title: "Effect of Some Thiosemicarbazone Compounds on Human Serum ChE Activity".

- [B.Sc. in General Chemistry \(1999\)](#), Dept. of Chemistry, College of Science, Mustansiriyah University, Iraq.

### **Technical Skills and Expertise:**

- Leadership Experience in Time Management and Administration.
- Proficient with HPLC and MS techniques.
- Excellent expertise with Molecular Modelling software like VMD, Accelrys DS Visualizer and ChemDraw.
- Proficient with Microsoft Office, Databases and Spreadsheets.
- Proficient with Photoshop.

### **Association Memberships:**

- President of the University Lecturers Association in College of Science/ Mustansiriyah University.
- President of AL-Siraj Cultural Forum.
- Editor in chief of Science-Waha Journal in College of Science/ Mustansiriyah University.
- Member of the Administrative of Fatima Light Foundation of Orphans.
- Member of Iraqi Chemical Society.
- Member of Iraqi Society for Scientific Professionals.
- Member of Iraqi Union for University Lecturers.
- Member of Iraqi Teachers Union.

### **Working and Administrative Experiences:**

- Head of certificate equivalency department/ Ministry of higher education and scientific research/ Iraq, 2012-2014.
- Head of Biochemistry Branch at Mustansiriyah University/ College of Science, 2014 to present.
- Professor of Biochemistry at Mustansiriyah University/ College of Science/ Department of Chemistry, 2019 to present.

- Assistant Professor of Biochemistry at Mustansiriyah University/ College of Science/ Department of Chemistry, 2013-2019.
- Lecturer of Biochemistry (Metabolism) at Mustansiriyah University and Karbala University/ College of Science/ Department of Chemistry, 2011-2013.
- Assistant lecturer of biochemistry at Mustansiriyah University/ College of Science/ Department of Biology, 2001-2007.
- Assistant chemist of practical biochemistry at Mustansiriyah University/ College of Science/ Department of Chemistry, 1999-2001.
- Participating in all scientific seminars and conferences that were held at Mustansiriyah University/ College of Science since 2001 to present.
- A scientific reviewer in many scientific international and national journals, and also scientific reviewer for scientific promotion in various Iraqi universities.
- A member of the scientific committee of the the third international forensic sciences and forensic medicine conference in Iraq (3rd IFSFMCI), 5-6 December 2018, Al-Nahrain University, Baghdad, Iraq.

### **Publications:**

1. Al-Bayati, R.I., Mislih, R.K. and Al-Fartusie, F.S. (2002). Effect of some oximes on the activity of inhibited AChE. Iraqi Journal of Chemistry 28, 613-618.
2. Mislih, R.K., Al-Fartusie, F.S. and Al-Bayati, R.I. (2002). Effect of vitamin B12 on the activity of inhibited AChE. Iraqi Journal of Chemistry 28, 677-684.
3. Al-Fartusie, F.S., Al-Bayati, R.I. and Mislih, R.K. (2002). Effect of some thiosemicarbazone compounds on human serum AChE activity. Iraqi Journal of Chemistry 28, 789-797.
4. Al-Fartusie, F.S. (2004). Effect of new derivatives of 4-aminoantipyrine on the activity of ChE enzyme. Al-Taqani Journal 17, 58-70.
5. Al-Fartusie, F.S. and Abdul-Husain, M.S. (2004). Effect of atropine on the activity of inhibited AChE by some 4-aminoantipyrine derivatives. Al-Taqani Journal 17, 47-59.
6. Al-Fartusie, F.S.D. (2005). Inhibiting the Cholinesterase Enzyme Activity by New Derivatives of Phenindione. Al-Taqani Journal 18, 44-56.

7. Al-Abodi, A.-J.K.A., Al-Fartusie, F.S. and Thani, M.Z. (2005). Synthesis of New Nicotinic Acid Derivatives and Study of Their Effects on Cholinesterase Enzyme Activity. *Al-Taqani Journal* 18, 57-66.
8. Al-Fartusie, F.S., Marzook, A.T. and Morad, T.S. (2012). Study of Some Trace Elements and Antioxidant Vitamins in Sera of Iraqi Women with Toxoplasmosis. *Al-Mustansiriyah Journal of Science* 23, 199-206.
9. Al-Garawi, Z.S., Al-Fartusie, F.S., Al-Mandlawi, H.B. and Al-Zaidi, N.K. (2012). A Study Case on the Impact of Prolonged Exposure to Cell Phone Radiation, among Iraqi Students, on RBC-AChE Activity. *Biochemistry and Analytical Biochemistry Journal* 1, 1-4.
10. Al-Garawi, Z.S., Al-Fartusie, F.S. and Al-Bairmani, H.K. (2012). Is Hyperglycemia or Toxoplasmosis the Suspect of Spontaneous Abortion in Neonates in Baghdad Women? *Journal of Basic and Applied Chemistry* 2, 29-34.
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30. Al\_Saadi, M.R., Al-Fartusie, F.S. and Thani, M.Z. (2021) Evaluation of lead, cadmium, copper and zinc levels and studying their toxic effect in sera of private electrical generator workers. Journal of Physics: Conference Series 1853, 012044.
31. Khadim, R.M. and Al-Fartusie, F.S. (2021) Antioxidant vitamins and their effect on immune system. Journal of Physics: Conference Series 1853, 012065.

### **Conferences and Workshops:**

1. The International Conference of Chemistry (ICC2020), 17-18 December 2020, Mustansiriyah University, Baghdad, Iraq.
2. The First International Conference of Scientific Research, 26-27 October 2020, Institute of Medical Technology-Almansour, Middle Technical University, Baghdad, Iraq.
3. The Third International Forensic Sciences and Forensic Medicine Conference in Iraq (3rd IFSFMCI), 5-6 December 2018, Al-Nahrain University, Baghdad, Iraq.
4. The First International Conference on Safety and Security of the Scientific Applications (ICSSSA), 26 - 27 September 2018, Mustansiriyah University, Baghdad, Iraq.
5. The First International Conference of Pure Science 2018 (ICPS 2018), 14-15 March 2018, University of Babylon, Hilla, Iraq.
6. The Second International Forensic Sciences and Forensic Medicine Conference in Iraq (2nd IFSFMCI), 6-7 December 2017, Al-Nahrain University, Baghdad, Iraq.
7. The First International Forensic Sciences and Forensic Medicine Conference in Iraq (1st IFSFMCI), 27-29 September 2016, Al-Nahrain University, Baghdad, Iraq.
8. U.S. Embassy EducationalUSA Building Bridges Workshop Programme, 2013, Baghdad, Iraq.
9. Training Programme on pre steady-state enzyme kinetics (Stopped Flow Spectroscopy), 13 November 2010-11 February 2011, RMIT University, Melbourne, Australia.
10. The 4th European Meeting in OxiZymes and the 9th International Symposium on Peroxidases in Leipzig, 14-16 June 2010, Leipzig University, Leipzig, Germany.
11. South West Structural Biology Consortium. 30<sup>th</sup> June and 1<sup>st</sup> July 2009, University of Sussex, Brighton, UK.

12. BCA - British Crystallographic Association, 27th Annual Spring Meeting, 21-23 April 2009, University of Loughborough, Loughborough, UK.
13. Education Symposium-The Leadership of Learning, Centre for Excellent in Leadership, RWABIT, 16-19 April 2007, Amman, Jordan.
14. Training Programme for Iraqi Participants in Egypt (TRIP-GTZ). Advanced Fluid Systems, 7-19 September 2006, Cairo, Egypt.