
Curriculum Vitae

Name: Dr. Falah Sumoom Daghah Al-Fartusie

Place and Date of Birth: Baghdad, 1974

Nationality: Iraqi

Gender: Male

Marital Status: Married

Number of Children: Two

Title: Assistant 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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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, 2012-2013.
- Head of Biochemistry Branch at Mustansiriyah University/ College of Science, 2014 to present.
- Assistant Professor of Biochemistry at Mustansiriyah University/ College of Science/ Department of Chemistry, 2013 to present.

- 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.

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.
 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, 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, 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-Bermani, 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.

Conferences and Workshops:

1. U.S. Embassy EducationalUSA Building Bridges Workshop Programme, 2013, Baghdad, Iraq.
2. Training Programme on pre steady-state enzyme kinetics (Stopped Flow Spectroscopy), 13 November 2010-11 February 2011, RMIT University, Melbourne, Australia.
3. The 4th European Meeting in OxiZymes and the 9th International Symposium on Peroxidases in Leipzig, 14-16 June 2010, Leipzig University, Leipzig, Germany.
4. South West Structural Biology Consortium. 30th June and 1st July 2009, University of Sussex, Brighton, UK.

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