

Academic Curriculum Vitae



Personal Information:

Full Name: Mustafa Saber Mustafa Al-Attar

Academic Title: Professor

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Education:

Education: B.Sc in Biology-College of Science 1992.

M.Sc in Animal Genetics-College of Science 1995.

Ph.D in Human and Animal Genetics-College of Education 2004.

Employment:

Assist. Lecturer in College of Science 1995.

Lecturer in College of Science 2004- 2008.

Assist. Prof. from 13/8/2008.

Professor from 25/2/2017.

Director of central chemical warehouse from 1996 till 2005.

Director of Scientific affairs section in presidency of Salahaddin University from 2005 till November 2008.

Editorial secretary of Zanko Journal of Pure and Applied Sciences/ Salahaddin University-Erbil from 2005 till May 2009.

Member of editorial board of Zanko Journal of Pure and Applied Sciences/ Salahaddin University-Erbil from 2009 till April 2016.

Head of Ecology Department/ College of Science, from June 2007 till September 2008.

Head of Biology Department/ College of Science from September 2008 till 2013.

Head of Environmental Science Department/ College of Science from January 2013 till February 2017.

Vice president of scientific affairs and postgraduate studies of Salahaddin University-Erbil from February 2017 till June 2023.

For 8 years (Between 1995-1999) and (2004-2006) I worked as a Member of the Examination Committee for College of Science. I worked as a head of Central Examination Committee for College of Science in 2013-2014.

Qualifications

- Teaching qualifications
- IT qualifications
- Language qualifications such as TOEFL, IELTS or any equivalent
- Any professional qualification
- You could put any professional courses you have attended (Turkish language)

Teaching experience:

Practical Genetics

Practical Cell Biology

Practical Endocrinology

Practical Medical Entomology

General Biology

Genetics

Advanced Genetics

Cytogenetics

Human Genetics

Medical Genetics

Molecular Biology

Cell Biology

Research and publication

- 1- Effect of ibuprofen on sperm of albino mice *Mus musculus* and native rabbits *Oryctolagus spp.* Zanco journal of pure and applied sciences (ZJPAS). Vol. 5. No.3, 1992-1993 published in 1998.
- 2- The genetic effects of cypermethrin on male of albino mice. Zanco journal of pure and applied sciences (ZJPAS). Vol. 18. No.2, 2006.
- 3- The Prevalence of Thalassemia in Erbil Province. Zanco journal of pure and applied sciences (ZJPAS). Vol. 18. No.3, 2006.
- 4- Cytogenetic evidence of the presence of stem cells circulating in the blood of patients with myocardial infarction. Iraqi Journal of Cancer and Medical Genetics. Vol. 1, No. 1, 2007.
- 5- Effect of Ziram on Testes and Sperm Abnormalities of Albino Mice (*Mus musculus*). Zanco journal of pure and applied sciences (ZJPAS). Vol. 20. No.2, 2008.
- 6- Effects of Fenugreek Seeds Extract on Sperm Production and Body Weight in Male Albino Mice (*Mus musculus*). Zanco journal of pure and applied sciences (ZJPAS). Vol. 20. No.5, 2008.
- 7- Antimutagenic effects of propolis. Kurdistan 3rd conference on biological sciences. University of Duhok 4-6 May, 2010.
- 8- Protective effects of *Mentha longifolia* aqueous extract against cyclophosphamide induced chromosomal aberrations and sperm abnormalities in male albino mice. Zanco journal of pure and applied sciences (ZJPAS). Vol. 22. No.5, 2010.
- 9- Microbiological safety of minimally processed vegetables from retail market in Apulia region. Italus Hortus 17 (3), 59-63. Foggia, Italy. 2010. ISSN : [1127-3496](https://doi.org/10.1007/s1127-3496); URL : <http://www.soihs.it>
- 10-The role of high dose of pomegranate on p53 expression in healthy and dacarbazine's treated male rats. Iraqi Journal of Cancer and Medical Genetics. Vol. 4, No. 1, 2011.
- 11-Ichthyofauna of Bazargir river near Kherazook village, Erbil governorate, northern Iraq. Proceeding of the National-Level Workshop cum Seminar on "Bio-Resources for Bio-Industries and Economic Zoology", January-2011, Solapur, Maharashtra, India.
- 12-The genetic effects of chlorpyrifos on male of albino mice. Kurdistan 4th conference on biological sciences. University of Duhok May 8-10th, 2012.

13-Some ecological observations on Kona Gorg area, Erbil, Kurdistan, Iraq. World Journal of Pharmaceutical research. Volume 2, Issue 4, 2013. 1141-1153. ISSN 2277-7105.

14-Protective effects of *Mentha spicata* aqueous extract against ifosfamide induced chromosomal aberrations and sperm abnormalities in male albino mice.(TBR) Trends in biotechnology research, An international peer-reviewed journal, Volume 2, Issue 1, 2013. ISSN 2320–0421(Print); ISSN 2320–043X (Online). Reprinted in Zanco journal of pure and applied sciences (ZJPAS), (2016), 28(1); 86-93.

15-Effects of Ni and Cd contaminated fish meat on chromosomal aberrations and sperm morphology of Swiss albino mice. International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS). Issue 7, Vol.1,2,3&4. Dec. 2013-Feb. 2014. ISSN 2279-0047 (Print); ISSN 2279-0055 (Online). Reprinted in Zanco journal of pure and applied sciences (ZJPAS), (2016), 28(1);36-42.

16-Assessment of mutagenic and antimutagenic effects of *Punica granatum* against ifosfamide induced chromosomal aberrations in male albino mice. Iraqi Journal of Cancer and Medical Genetics. Vol. 7, No.1, 2014.

17- Protective effect of *Punica granatum* Seed Extract against ifosfamide induced Sperm abnormalities in Male Albino Mice. Zanco journal of pure and applied sciences (ZJPAS). Vol. 26. No.2, 2014.

18-Correlation of sperm DNA fragmentation with semen parameters in Iraq infertile men. Australian Journal of Basic and Applied Sciences, 8(17) November 2014, Pages: 304-310. ISSN: 1991-8178. Reprinted in Zanco journal of pure and applied sciences (ZJPAS).Vol. 28. No. 3; 5- 11. 2016. DOI: <https://doi.org/10.21271/zjpas.v28i3.1001>.

19-Detection of Y Chromosome Microdeletion Region in Infertile Men Need to Conceived with ICSI. Diyala journal for pure sciences. Vol: 12, No: 2, April 2016. Pages: 32-45. ISSN: 2222- 8373.

20-Protective effects of Selenium and/or Melatonin against Cadmium Chloride induced Chromosomal aberrations in Swiss Albino mice *Mus musculus* BALB/c. Zanco journal of pure and applied sciences (ZJPAS). Vol. 28, No. (4); 82-89 (2016). DOI: <https://doi.org/10.21271/zjpas.v28i4.1059>.

21-Evaluation of X-chromosome aneuploidy of azoospermic and severe oligospermic patients in Erbil city/ Iraqi Kurdistan Region. Zanco journal of pure and applied sciences (ZJPAS). Vol. 28, No. (6); 94-55 (2016). DOI: <https://doi.org/10.21271/zjpas.v28i6.702>.

- 22-Cytogenetic and molecular genetic studies of number of chronic myelogenous leukemia in Erbil province. Zanco journal of pure and applied sciences (ZJPAS). Vol.29, No.2; 1-17 (2017). <http://dx.doi.org/10.21271/ZJPAS.29.2.1>.
- 23-Association of P53 Gene Expression Alteration with Breast Cancer Patients in Erbil Province. Cukurova Medical Journal. (Cukurova Med J). Vol.42, Issue (2); 205-209 (2017). DOI: 10.17826/cutf.322799.
- 24-Antimutagenic effect of grape seed extracted oil on diazinon induced genotoxicity in albino mice. Iraqi Journal of Cancer and Medical Genetics. Vol. 10, No.1; 56-62 (2017).
- 25-Molecular Investigations of β -thalassemic Children in Erbil Governorate. 6th International Conference and Workshops on Basic and Applied Sciences AIP Conf. Proc. 1888, 020025-1– 020025-13; <https://doi.org/10.1063/1.5004302>.
- 26-Effect of landfill leachates extract of Erbil city on abnormal sperm morphology and chromosomal aberrations in male albino mice. Zanco journal of pure and applied sciences (ZJPAS). Vol. 29, No. 6; 18-27 (2017). DOI: <https://doi.org/10.21271/ZJPAS.29.6.3>.
- 27- Association of HSD11B1 rs 12086634 (T > G) gene polymorphisms with polycystic ovarian syndrome in Erbil province. Zanco journal of pure and applied sciences (ZJPAS). 2019;31(5):36- 43 DOI 10.21271/zjpas.31.5.5 .
- 28-Synthesis, characterization and applications of novel platinum-based nanoparticles: catalytic, antibacterial and cytotoxic studies. Journal of inorganic and organometallic polymers and materials. Nov. 2019. [30, 2430-2439 (2020)] <https://doi.org/10.1007/s10904-019-01387-7>. Corpus ID: 208145510
- 29- Association of a point mutation (m.9176T >G) of the MT-ATP6 gene with Leigh syndrome: A case report. Biomedical Research and Therapy, 2020, 7(5):3739-3743, DOI: 10.15419/BMRAT.v7i5.601.
- 30- EXPRESSION ASSOCIATION OF MiR-103 WITH RENAL CELL CARCINOMA. SANKO University Innovation in Medicine Summit-4, 11-13 Oct 2018, Gaziantep, Turkey.
- 31- The relevance of SNPs at 3'UTR region of CAPS7 and miR-371b-5p associated diseases: A computational analysis. Cell biochemistry and biophysics, Cell Biochem Biophys 78, 541–557 Sep. (2020), <https://doi.org/10.1007/s12013-020-00941-2>.
- 32- Glutathione S - Transferase Mu 1 and Glutathione S - transferase theta 1 Genes polymorphism and Susceptibility to Chronic Myeloid Leukemia in Erbil - Iraq Kurdistan.

ZANCO Journal of Pure and Applied Sciences. Salahaddin University-Erbil. ZJPAS (2020), 32(6); 54-59. DOI: <http://dx.doi.org/10.21271/ZJPAS.32.6.6> .

33- Effect of bortezomib regimens and daratumumab monotherapy on cellular immunity in multiple myeloma. Iranian Journal of Immunology. 2021. Ref. No. IJI-2008-1812.

34- Expression pattern of LncRNA-GASS and its target APOBEC3C gene through miR-103 in breast cancer patients. Cell and Molecular Biology. Vol. 67. No. 3, 2021.

35- Exotic variants in multiple myeloma patients associated with relapsed/ refractory and response to bortezomib regimens. Saudi Journal of Biological Sciences. 29 (2022) 610-614.

36- Cytogenetic investigations and Y-chromosome microdeletion screening in some infertile Kurdish males in Erbil province/ Iraq. Baghdad Science Journal. Vol. 19. No. 2, 2022. DOI: <https://doi.org/10.21123/bsj.2022.6223> .

37- Molecular diagnosis of Y-chromosome microdeletions in some Kurdish infertile males: EAA/EMQN PCR protocol optimization. ZANCO Journal of Pure and Applied Sciences. Salahaddin University-Erbil. ZJPAS (2021). Vol. 35. No. 2, 2023. DOI: <http://dx.doi.org/10.21271/zjpas>.

38- Novel SARS-COV-2/COVID-19: Genomic variation and phylogenetic analysis.

39- Assessment of T cell receptor complex expression kinetics in natural killer cells. Curr. Issues Mol. Biol. 2022, 44(9), 3859-3871; <https://doi.org/10.3390/cimb44090265>.

40- .Association of CYP1A1*2C variant (Ile464Val polymorphism) and some hematological parameters with acute myeloid leukemia (AML) and chronic myeloid leukemia (CML) in Erbil-Iraq. ZANCO Journal of Pure and Applied Sciences. Salahaddin University-Erbil. ZJPAS (2022). (Acceptance letter).

41- Association between Glutathione-S-transferase (GSTT1 and GSTM1) genetic variations with risks of both acute and chronic myeloid leukaemia. ZANCO Journal of Pure and Applied Sciences. Salahaddin University-Erbil. ZJPAS (2023). (Acceptance letter).

42- DNA mismatch repair MLHI gene polymorphism and infertility in azoospermia males in Iraqi Kurdish population. ZANCO Journal of Pure and Applied Sciences. Salahaddin University-Erbil. ZJPAS (2023). (Acceptance letter).

Conferences and courses attended

- 1- Scientific conference of water/ Arbil, February, 2001.
- 2- Specialized training course on DNA molecular marker techniques for crop improvement. September, 4-15/2005, ICARDA, Aleppo, Syria.
- 3- Training course for trainer (4 in 1), University of Alberta, Canada, 31 October- 21 November, 2007.
- 4- Second Environmental meeting of Iraqi universities students, October, 11-13, 2008 University of Duhok.
- 5- Second powerlab workshop and new technique in Bio-Science, December, 29-30/2008, Medical Science University, Tehran, Iran.
- 6- Kurdistan 3rd conference on biological sciences. University of Duhok May 4-6 th, 2010.
- 7- 4 th International scientific conference of Salahaddin University-Erbil October 18-20th 2011.
- 8- Kurdistan 4 th conference on biological sciences. University of Duhok May 8-10th, 2012.
- 9- Staff Development Training for Medium Level Leaders of Universities in Kurdistan / Iraq. University of Kassel and (DAAD), Witzenhausen, Germany, August, 12-25, 2012.
- 10- Fire safety coordinator in university buildings. Ministry of Higher education and scientific research-KRG and AJG Ingenieure GmbH, October 27th -30th 2013.
- 11- IBRO Course in Neuroscience. Dept. of Biology, College of Science, Salahaddin universityErbil, Kurdistan, Iraq. March 11th -19th, 2014.
- 12- 6th International Conference and Workshop on Basic and Applied Sciences (6th ICOWOBAS), Salahaddin university-Erbil, Kurdistan, Iraq. March 18th -19th, 2017.
- 13- SANKO University Innovation in Medicine Summit-4, 11-13 Oct 2018, Gaziantep, Turkey. Chairman of Session 9 (11 October).
- 14- 13th International Erasmus+ Staff Training Week. Georg-August-Universität Göttingen 6 - 10 May 2019. Germany.

- 15- Training Program: Erasmus+ Staff Training (KA107) – Internationalization of Higher Education. Georg-August-Universität Göttingen 11 - 15 May 2019. Germany.
- 16- DAAD - Project "Capacity Building in Teacher Education and Research" July 15-20th, 2019. Friedrich-Alexander University Erlangen- Nuremberg (AFU). Nuremberg, Germany.
- 17- First International conference of agri sciences 2019 (1st ICAS). Salahaddin University-Erbil, Kurdistan, Iraq. November, 6 -7 th , 2019.
- 18- First International conference on nanotechnology (NANOCAT). Salahaddin University-Erbil, Kurdistan, Iraq. January, 22 -23 th , 2020.
- 19- First joint international conference for educational and psychological sciences (ICEPS 2020). College of education, Salahaddin University-Erbil, Kurdistan, Iraq. January, 29 -30 th, 2020.
- 20- Second joint international conference for education issues and challenges in light of accelerating knowledge and technology developments, College of basic education, Salahaddin university-Erbil, Kurdistan, Iraq. February, 10-11th, 2020.
- 21- WP2 workshop and 2nd partnership meeting realized in the frame of the Erasmus+ project APPRAIS governance, quality, accountability: a piloting reform process in Kurdistan region of Iraq. (Project number 618781-EPP-1-2020-1-IT-EPPKA2-CBHE-SP). Italy, Pisa, 15-16- 17th March 2022.
- 22- Second international symposium of cancer and oncology research endeavor (CORE2), 19th May, 2022.
- 23- 13th International visible conference on educational studies and applied linguistics (VESAL). Erbil. February 20th-21st. 2023.
- 24- WP5 Harmonisation and restitution workshop in Erbil, Kurdistan region of Iraq realized in the frame of the Erasms+project. APPRAIS, governace, quality, accountability: a piloting reform process in Kurdistan region of Iraq. (Project number: 618781-EPP-1-2020-1-IT-EPPKA2-CBHE-SP). Erbil. 27-28 February, 2023.
- 25- International scientific conference on the genocide of Kurdistan nation (The genocide of Faili Kurds). Erbil. May 2-4^t . 2023.
- 26- 9th International conference and workshops on basic and applied sciences (ICOWOBAS-2023). Erbil. May 8-10th. 2023.
- 27- 3rd International conference on education and teaching (ICET). Erbil. 17-18 May, 2023.

Professional memberships

- Membership of Kurdistan Teachers Union (KTU).
- Membership of Board of Kurdistan Organization of Mine Awareness (KOMA) from 2001-till 2002.
- Membership of Biology syndicate from 2000

Professional Social Network Accounts:

- ORCID ID: 0000-0002-2106-130X
- Web of Science Researcher ID: JBJ-5551-2023
- ResearchGate: <https://www.researchgate.net/profile/Mustafa-Al-Attar>
- LinkedIn: <https://www.linkedin.com/comm/in/mustafa-al-attar>
- Google Scholar: [mustafa saber mustafa Al-Attar - Google Scholar](#)