

Curriculum Vitae

Personal Profile	
Name	Bushra Ahmed Hamdi
Nationality	Iraqi
Postal Address	Dep. Clinical Analysis College of Pharmacy, Hawler Medical University 44001 Erbil, Iraqi Kurdistan Region, IRAQ.
Mobile No.	0964 750 4487015
Email	Bushra_ah55@yahoo.com Bushra.hamdi@hmu.edu.krd
Academic Qualifications	
Ph.D.	Professional employment: Assistant Professor of Histology and Embryology, 2007-2010 / Tabriz Medical University / Iran
M.Sc.	1986-1988 / Histology & Embryology / Baghdad University / Iraq
B.Sc.	1977-1981 / Science – Biology Sulaymanya University /Iraq
Current Research interes :	
** Testing the hepatoprotective effects of medicinal plants	
** Anticancer activity and cytotoxicity	
**Real time PCR and Flow cytometry	
** In vitro and in vivo antioxidant activities	
** Wound healing potentials of medical plants	
** Reproductive Biology; using light and electron microscopy, apoptosis detection	



**** Teaching interest:**

Stem cell - General Biology - Human Biology - Histology

- Oral Histology - Cytology - Cell biology - Academic Debate

- Hematology - Microtechnic - Embryology

Administrative Responsibilities:

** Head of scientific rank Promotion committee at Pharmacy college Hawler Medical University from 2018 till Now 2021.

** Executive committee in first Pharmacy Scientific Conference .

** Member of scientific rank Promotion committee at Pharmacy college Hawler Medical University from 2015 - 2018.

** Head of Examination at College of Pharmacy, Hawler Medical University (2011- 2013).-

** Consultancy committee in Second Pharmacy Scientific Conference 2019

** Iranian Medical Anatomical Society

** International Anatomical Society

** Pharmacology department Coordinator

** Pharmacy College Head of Library Unit

** Pharmacy College Registrar

** Head of Quality Assurance Committee / Clinical Analysis Department

** Turkish Anatomical Society

** Iraqi Biological Society

** Kurdistan Biological Syndicate

** Kurdistan Biological Society

** Member of Scientific Committee of Biology Department. Salahaddin Univ.

** Member of Scientific Examination of B. D., Baghdad Univ.

** Member of Higher Studies Committee B.D. Univ. Salahaddin & almost all Committees within Department of Biology & Clinical analysis in Pharmacy College.

Experience :

- ** Member of Ibn Al- Haitham Journal for pure and applied science University of Baghdad (1988-1992).
- ** Member ship of editorial boards of scientific journal and periodical (1992-1994).
- ** The scientific journal of the college of Science Salahaddin University (1992-1994).
- ** Head of Biology department/ College of Science –Salahaddin University (1995-1998) and (2001-2004).
- ** Consultant in FAO for fish framing (2000-2002).
- ** Member of Greenpeace association in Kurdistan (1998-).
- ** Head of Clinical Analysis Department, College of Pharmacy, Hawler Medical University (2007- 2009).
- ** Supervised M.Sc Student and PhD Student
- ** Head of Scientific Examination at College of Pharmacy, Hawler Medical University (2011- 2013).-
- ** Member of Scientific Committee of B. D. Salahaddin Univ.
- ** Member of Scientific Examination of B. D., Baghdad Univ.
- ** Head of Clinical Analysis Department, College of Pharmacy, Hawler Medical University (2014 - till Now).
- ** Member of Higher Studies Committee B.D. Univ. Salahaddin & almost all Committee within Department of Biology & Clinical analysis in Pharmacy College.
- ** Member of the Committee Exam for M.Sc. and PhD. Student More than 20 Student in University.

Conferences and Scientific Meetings

- ** International Workshop on Artemia 2004 Urmia / Iran
- ** The Four International Conference on Biological Sciences 2006 Tanta / Egypt

- ** British Society for Parasitology Spring 2007 Belfast / U.K
- ** International Biological Sciences 1990 Baghdad / Iraq
- ** 3rd Scientific Conferences of Salahaddin Univ. 1997 Erbil / Iraq
- ** 6th - Asia Pacific International Congress of Anatomy 2010 Indonesia
- ** 4th Asian National Anatomy Congress 2005 Azmir / Turkey.
- ** Iranian Society for Reproductive Medicine (ISRM). 2012 Tabriz / Iran
- ** 4th - International Symposium of Clinical and Applied Anatomy 2012 Ankara/ Turkey
- ** 8th - East Asian Congress of Medical Physics, Biophysics 2010 Kampus/ Indonesia
- ** 18 Congress of Iranian Society for Reproductive Medicine 2010 Yazd/ Iran
- ** Many and Many Conference, Work Shop, Training Courses the last one is in 14 Nov 2019

Teaching and supervisory Responsibilities

1. Undergraduate courses in college of pharmacy, Health Science college and Dentistry College (Histology, Human Biology, Embryology, Genetics, Academic debate, Oral Histology, Microtechnek, Comparative Histology and Histotechniques).
- 2- Postgraduate courses (M.Sc. Pathology), department of Clinical Analysis.
- 3- Postgraduate Methodology Teaching course, Hawler Medical University.
- 4- Postgraduate courses (Ph.D./ Advanced Histology – Advanced Stem cell Therapy) in Department of Clinical Analysis.
- 5 - Postgraduate courses (Ph.D./ Advanced Tissue Culture Therapy), department of Clinical Analysis.

Administrative Responsibilities :

- ** Head of scientific rank Promotion committee at Pharmacy college from 2018 till Now 2021
- ** Executive committee in first Pharmacy Scientific Conference 2017
- ** Consultancy committee in Second Pharmacy Scientific Conference 2019
- ** Iranian Medical Anatomical Society
- ** International Anatomical Society in Turkey
- ** Pharmacology department Coordinator
- ** Head of Library Unit ,
- ** Pharmacy College Registrar
- ** Head of Quality Assurance Committee / Clinical Analysis Department
- ** Turkish Anatomical Society
- ** Iraqi Biological Society
- ** Kurdistan Biological Syndicate
- ** Kurdistan Biological Society
- ** Member of Scientific Committee of Biology Department, Salahaddin Univ.
- ** Member of Scientific Examination of B. D., Baghdad Univ.
- ** Member of Higher Studies Committee B.D. Univ. Salahaddin & almost all Committies within Department of Biology & Clinical analysis in Pharmacy College. ** Head of Scientific Examination at College of Pharmacy, Hawler Medical University (2011- 2013).-

List of Publication

- 1- **Hamdi, B.A.**, (1988). The Embryology and Histology of the Pronephros and Opisthonephros in Mosquito fish *Gambusia affinis* (Baird and Girard). M.Sc. thesis in Baghdad University.
- 2- Sharif, H. A., **Hamdi, B.A.**, Hadi R. A., (1991). An ecological study on Relationships between weight, length and gut content weight of *Gambusia affinis* in Saqlawiyah irrigation Large canal, Baghdad-Iraq. Published in journal of Biological science research.
- 3- **Hamdi, B.A** (1997). Histological studies on the Nephron of Mosquito fish *Gambusia affinis* (Baird and Girard). Published in 3rd scientific conference of Salahaddin University.
- 4- Sheriff H.A., Al- Khafaji S. S., **Hamdi B.A.**, (1989) The effect of temperature on the Acute Toxicity of Mercury to *Gambusia affinis*. J. IBN AL- Haitham PAS. V: 1(1).
- 5- Mohammad A., Al- Adhami H. S., **Hamdi B.A.**, (1990). Development of the Pronephric system in Mosquito fish *Gambusia affinis* (Baird and Girard). J. IBN AL- Haytham PAS. V:2 (1).
- 6- **Hamdi, B.A.** (2001). Histological study of the liver of domestic rabbit (*Oryctolagus cuniculus*) expose to Deltamethrin. Published in journal of Zanca/ Salahaddin University.
- 7- Faraj, A. M and, **B.A Hamdi.** (2002). An epidemiological study on the prevalence of dogs intestinal parasites and degree of environmental soil contamination with infective stages in Erbil city-Iraq. Published in journal of Dohuk University
- 8- **Hamdi, B.A.**, and Mohammed S.I (2003). Some study on histological effect of pyrethroids (Deltamethrin) on kidney and Testis of domestic rabbits (*Oryctolagus cuniculus*). Published in journal of Dohuk University.
- 9- **Hamdi, B.A.**, Al-Khateeb I.M., Aziz F.M., and Rahemo I.F., (2005). Histopathological observation on the liver naturally infected by *Fasciola hepatica* in sheep of Erbil city. Rivista di-parassitologia in Italy.V: 5.
- 10- Treska S.H., **Hamdi B.A.**, Zohair, I. F. Rahemo, (2006). Histological & Ultra structure change in Lung of Sheep & Goats infected with worm Parasitology in Erbil. Thesis.
- 11- Zohair, I. F. Rahemo, **Hamdi B. A.**, M. Al- khateeb, and F.M Aziz (2005). Histological change in the liver of the fresh water fish, *Leaciscus cephalus* caught from serchinar steram, infected with *Contracaecum* larvae. Published in Journal Rivista di-parassitologia in Italy.

- 12- Fenyk S. H., Hamdi B.A., Zohair, I. F. Rahemo, (2006). Some Biological and Histological studies of Slug *Liamax* species in Erbil City . Thesis.
- 13- Zohair I. F. Rahemo, B.A.Hamdi. and N. R. Hamad (2005). The neurosensory cells of the parasite *Polystoma integerrimum* as indicator for flat worms phylogeny. Published in *Journal of Rivista di-parasitologia* in Italy.f
- 14- Rahimo, Z., Hamdi B.A., Al-Khateeb (2005). Histological changes in liver of the freshwater fish *Leuciscus cephalus* caught from serchinar stream infected with *contraecaecum* larvae. Published in 4th Asian pacific congress Azmir Turkey.
- 15- Hamdi, B.A, Aziz, F.M, Al-Khateeb, I. M .and Rahemo, Z. F (2005). Histopathological observation on the liver naturally infected by *Fasciola gigantica* in sheep of Erbil city-iraq. Published in 4th Asian pacific congress Azmir Turkey.
- 16- Hamdi, B.A., Rahemo, Z.F., Hamad, N.R (2005). The neurosensory cells of the parasitic *Polystoma integerrimum* as indicator for flatworms polygeny Published in 4th Asian pacific congress Azmir Turkey.
- 17- Treska S.H., Hamdi B.A., Zohair I. F. (2007). Histological changes in lungs of sheep and goats infected with worm parasites in Erbil-Kurdistan. Accepted in British society for parasitology, Belfast/ UK.
- 18- Hamdi, B.A. (2011). Gonadal Effect of Electromagnetic Field (EMF) Exposure on Fertility in Adult and Developing Mice: An Ultrastructural Study Ph.D. Thesis
- 19- Bushra A. Hamdi, Jafar Soleimani-Rad, Amir Afshin Khaki, Leila Roushangar (2011). Low-Frequency electromagnetic field exposure in developmental period and its lasting effects on Folliculogenes in adulthood.
- 20- Hamdi BA., Roshangar L., Khaki A. A., Soleimani Rad J., (2011). Developmental exposure to EMF and its effect on spermatogenesis in adulthood mice. International congress on Anatomical sciences. Tehran- Iran.
- 21- Hamdi B.A., Soleimani Rad J., Roshanger L., Khaki A.A., (2011). Histological study of testicular tissue in newborn mice exposed to 50 Hz electromagnetic field during developmental period. 6TH Asia Pacific International Congress of Anatomy. *Biomolecular and Cellular Anatomy (PBI I)*.

22 - **Hamdi AB**, Roshangr L, Khaki AA, Soleimani Rad J. Histological study of testes and sperm parameters in adult mice exposed to 50 Hz electromagnetic field during development. *Annals of Biological Research*, 2011, 2(5):455-462.

23- **Hamdi BA**, Soleimani Rad J, Khaki AA, Roshangar L, Khaki A. Pathology of testis in newborn mice exposed to electromagnetic field (EMF) during developmental period. *Annals of Biological Research*, 2011, 5(10): 3225-3230.

24- Ghasemzadeh A, Khaki A, Farzadi L, Khaki A A., Marjani M., **Hamdi B.A.**, Ghadamkheir E., Naeikararoudi M., [2011]. Effect of rosmarinic acid on estrogen, FSH and LH in female diabetic rats. *African J. of Pharmacy and Pharmacology* V: 5 (11) pp. 1427- 1431 .

25- **Hamdi B.A.**, Shafaei H., Hemmati A., Khaki A.A., Soleimani Rad J. (2012). The effect of Electromagnetic field on Microstructure of Placenta. *J. R. and Infertility* V: 12 (4).

26- **Hamdi B.A.**, Soleimani Rad J., Khaki A.A., Roshangar L. (2012). A Study on the effect of EMF exposure on Folliculogenesis in neonatal femal mice. *Intarnational j. of experimenta and Cl* .

27- Roshangar L., **Hamdi B.A.**, Khaki a.A., Soleimani Rad J. (2014). Effect of Low-Frequency electromagnetic field exposure on oocyte differentiation and follicular development. *J. of AdvBlomRes*.V:76 (3).

28- Ismail, A.M, **Hamdi, B.A.** & Al-Khesraji, T. (2021) Study on the ecology of the fern *Asplenium trichomanes* L. in Iraq with a reference to its phytochemical and antioxidant activity. O'Fifth International Scientific Conference on Environment and Sustainable Development (SiSCESD)

29- Ismail, A.M **Hamdi, B.A.**, Al-Khesraji (2020) Phytochemical study of *Asplenium cetrerach* L., (Aspleniaceae) from Erbil province, Kurdistan of Iraq *Zanco jour. of pure and Applied science* ISSN 2218- 0233

30- Mohammed M., Rawaz T., Tola Farag, **Bushra A. Hamdi**, Zhikal K., and Muhammed Hamid (2021) Targeting of the receptor for advanced glycation end products regulates neutrophil infiltration and extravascular recruitment in mice acute pancreatitis. Accepted for publication in *Indian Pharmaceutical Sciences IJPS* (0250- 474X).

31 - Dbdulmuhamn Y.S. **Bushra A.Hamdi** Zahra A. Alnajar (2019) Histopathological aspects of Co-administration of Dexamethazone and diclofenac Sodium on Mail Albino Rats. *Zanco J. No.910-Vol.24* ,