

Name: **Walid Ali Abu-Sheir**



EDUCATION

- 1995.07.09 B.Sc., Biology ``Zoology``, Al-Azhar University, Faculty of Science, Cairo, Egypt.
- 2001.09.22 M.Sc., Zoology ``Comparative Anatomy``, Al-Azhar University, Faculty of Science, Zoology department, Cairo, Egypt.
- 2009.07.27 Doctor of Philosophy (Ph.D.), Experimental Zoology, Zoology Department, Al-Azhar University, Faculty of Science, Cairo, Egypt.
- 2017.03.17 Associate Professor Experimental Zoology, Zoology Department, Al-Azhar University, Faculty of Science, Cairo, Egypt.

WORK ADDRESS

- Zoology Dept, Faculty of Science,
Al-Azhar University, Nasr City, Cairo, Egypt
Box; 11884
Tel. +202-262-9358, +202-262-9357
Mobil. +2 01002526699
- Biology Department, Faculty of Science and Arts,
Mandaq, Al- Baha University, KSA.
Mobile: +966545632850, +966502303408 and
+966545632689.

ACADEMIC POSITIONS	
1996.12 – 2001.12	Demonstrator, Zoology Department, Faculty of Science, Al-Azhar University Presented the practical courses of Zoology for 1st & 2nd year Biology students and Predentistry Students.
2001.12– 2009.12	Assistant Lecturer (Comparative Anatomy), Zoology Department, Faculty of Science, Al-Azhar University Presented the practical courses of Zoology for 1 st & 2 nd year Biology students, Predentistry Students, 3 rd year Zoology special and Zoology & Chemistry (Vertebrates, Ecology, general Invertebrates, Parasitology and Embryology), 4 th year Zoology students (Practical animal tissue technique, Comparative Anatomy and advanced vertebrates).
2009.12 to 2014	Lecturer of Experimental Zoology, Faculty of Science, Al-Azhar University, Cairo, Egypt.
2014.10 to date	Associate professor of Experimental Zoology, Faculty of Science and Atrs, Al-Baha Uni. KSA
2017.03 to date	Associate professor of Experimental Zoology, Faculty of Science, Al-Azhar University, Cairo, Egypt.

Teach the courses of;

Cytology & Histology for 1st year Biology Students, Cytology & Histology for 1st year dentistry students, Chordates and Vertebrates for 2nd year Biology & Biology and Chemistry Students, Chordates and Vertebrates for 2nd year Natural History, Advanced Vertebrates and Animal Tissue Technique for 3rd year Zoology students and 3rd year Zoology and Chemistry students, Cell Biology for 3rd year Zoology students, Advanced Histology for 4th year Zoology students, Physiology, Histochemistry and Histopathology for 4th year Zoology and Chemistry students, Histopathology for Post graduate Zoology students (1st & 2nd years Diploma) and Comparative Anatomy for Post graduate Zoology students (Premaster).

Managing Lecturer for two days a week in **MIU (Misr International University)**, faculty of dentistry as a lap supervisor (2009-2010), teaching for two days a week in **Sinai university**, faculty of dentistry, teaching Zoology 1 & 2 and cell biology courses for 1st year students (2010 - 2014) and teaching Cytology and Histology for 1st year of Malaysian students in the faculty of dentistry, Al-Azhar University. (2014 till now) teaching General Biology, Animal and Human physiology, Cytology and Histopathology, Comparative Anatomy, Ecology and animal behavior, Ecological Pollution and Embryology as assistant Professor on secondment to Al-Baha Uni. KSA.

Interests

- Animal tissue Techniques (Histology and Histochemistry) studies.
- Protein structure and function prediction using Electrophoresis.
- Cytogenetic and Chromosomal preparation.
- Practical physiology.
- Experimental studies on drugs and chemicals that have a harmful effect on human general health.
- Cytological studies and histochemistry.
- Anatomy and histopathology.
- Medicinal plants and their uses in traditional medicine.
- Study of fetal abnormalities.

Publications:

- 1- Possible hepatoprotective effect of Quercetin against 2-Butoxyethanol induced hepatic damage in rats. Osama Sharaf Eldin, Sayed Bakry, Walid Ali Abo Shaeir, Mohammed Sadek Mohammed and Othman Fadel Ali Abd-Alzaher. *Middle-East Journal of Scientific Research*, Vol. 23 (9): 2173-2182(2015).
- 2- ER stress, autophagy and mitochondrial dysfunction in prostate cancer cells treated with lithocholic acid, Ahmed Gafar, J. Thomas Sanderson, Vladimir I. Titorenko, Mohammed A. Bashandy, Sayed Bakry, Mahmoud A. Khalifa, and Walid AbuShair. *International Journal of Advanced Research Volume 3, Issue 6: 1550-1565(2015)*.
- 3- Teratogenicity of Bisphenol-A (BPA) in pregnant rats. Osama Sharf-El Deen, Sayed Bakry, Walid Ali Abo Shaeir, Fathy Elshaer Mohammed and Mohammed Adel. *American-Eurasian Journal of Toxicological Sciences*, Vol. 7 (4): 229-238(2015).
- 4- Histopathological changes in the kidney of mosquito fish, *Gambusia affinis* and guppy fish, *Poecilia reticulata* exposed to Bisphenol A. Fathy. M. Elshaer; Walid, A. Abu-Shaeir and Sayed, A. Bakry. *Egypt. J. Aquat. Biol. & Fish.*, Vol. 17, No. 4: 83- 93 (2013) ISSN 1110 – 6131

- 5- Dimethoate induced intrauterine growth retardations in mice. *Waleed Abouamer, Waleed Abu-Shaeir and Sayed Bakry, American-Eurasian Journal of Toxicological Sciences, Vol. 5 (4): 85-93 (2013).*
- 6- Electrophoretic and histopathological studies on adult female rats treated with Depo-Provera (DMPA). Sayed Bakry and Waleed Abu-Shaeir, *Australian Journal of Basic and Applied Sciences, Vol. 4(1): 61-70 (2010).*
- 7- Parenteral toxicity of medroxyprogesterone acetate. Sayed Bakry, Essam Khattab, Ahmed Mansour, Waleed Abu Amer and Waleed Abu-Shaeir *Australian Journal of Basic and Applied Sciences, Vol. 5(3): 420-429 (2011).*
- 8- Effect of aluminium, cadmium and lead on rat lung: protective role of selenium. El-Bamby, M.M.; Abu-Sheir, W.A.; Abou-Amer, W.L. and Marzouk, E.M.A. *Az. J. Pharm Sci. Vol. 45, Marsh (2012).*
- 9- The protective role of vitamin C against physiological and histochemical changes in rats chronically exposed for Diazinon and Aluminium Phosphide insecticide. Elymany El Zawahry; Daa Farrag Ibrahim; Walid Ali Mohammed and Mohammad Fathy Abdel Naby. *Az. J. Pharm Sci. Vol. 47, Jul (2013).*
- 10- Methotrexate-induced hepatic and renal toxicity: role of L-carnitine in treatment. Ehab Tousson, Zaki Tawfeek Zaki, Walid Ali Abu-Shaeir and Hamada Hassan. *Biomedicine and Biotechnology, Vol. 2(4): 85-92 (2014).*
- 11- Protective effect of ginger (*Zingiber officinale*) Family: (Zingiberaceae) against some toxicants induced liver disorders in albino rats. Mohamed Fares, Zaky Tawfek, Mahmud M. Salem, Ahmed Mansour and Walid Abu-Shaeir. *Egypt. J. Biomed. Sci. Vol. 44: 12-32, March (2014).*
- 12- Lithocholic acid induces extrinsic apoptosis in prostate cancer cell lines. Ahmed Gafar, Mohammed Bashandy, Sayed Bakry, Mahmoud A. Khalifa, and Walid Abu Shair. *Cancer Biology Vol. 6(2): 63-68, (2016).*

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- 13- Punicic and Jacaric acids induce mitochondrial dysfunction in prostate cancer cell lines. Ahmed Gafar, Mohammed Bashandy, Sayed Bakry, Mahmoud A. Khalifa and Walid Abu Shair. *Life Science Journal Vol. 13(6): 99-106 (2016)*.**
- 14- The protective role of vitamin C against histological changes and some biochemical indices in liver of rats chronically exposed to diazinon. Walid Abu Shair (2015).**
- 15- Comparative Anatomical Studies Of The tongue Of Three Different Amniotic Vertebrate Animals Inhabiting Egypt. Ibrahim G. Ibrahim; Zaki T. Zaki; Wassef A. Abdallah and Walid Abo-Sheir Al-Azhar Bull. Sci. Vol. 14, No.2(Dec.): pp. 31-45, 2003.**
- 16- Comparative Anatomical Studies on The Structure Of The Skull Of Three Different Amniotic Vertebrate Animals Inhabiting Egypt. Ibrahim G. Ibrahim; Zaki T. Zaki; Wassef A. Abdallah and Walid Abo-Sheir Sc. J. Az. Med. Fac. (Girls). Vol. 25, No. 2, May, 2004:223-254.**
- 17- Protective role of curcumin aqueous extract on Cisplatin induced liver toxicity and oxidative stress in rats. Walid Ali Abu-Shaeir; Ehab Tousson*; Zaki T. Zaki; Mohamed I. Radyand Deyaa Elkharashee. **JATBAS, Vol.1, No.3: 333-343, 2017****

Research Experience

2009 to date:

Supervision of Scientific Theses (Master's/PhD):

	The number of theses that have been discussed.	The number of theses that are still under moderation
Master	7	0
PhD	3	0

(A) I've finalized a research work with a graduate student, Ahmed Mohamed Al-Atrash , in the field of

- 1 - Yield and quality of dromedary camel oocytes
- 2 - In vitro maturation of dromedary camel oocytes .
- 3 - Chemical activation of matured camel Oocytes .
- 4 - Capacitation of epididymal sperm .
- 5- In vitro fertilization (IVF) of matured camel oocytes by epididymal sperm .
- 6 - Intra Cytoplasmic Sperm Injection (ICSI) of matured camel Oocytes by epididymal sperm .

The student has submitted his Master in Experimental Embryology during the first half of the year 2013 from Faculty of Science, Zoology department, Al-Azhar University.

(B) I've finalized a research work with a graduate student, Mohammad Fathy Abdel Naby, in the field of clarify the toxic effect after chronic exposure for both Diazinon (organophosphorus insecticide) as well as the Aluminium Phosphide (fumigants insecticide).

Also, the brain of the treated animals will be investigated histologically in order

to demonstrate the histopathological lesions that can be occur due to insecticide exposure.

The protective role of Vitamin C as cellular antioxidant against the harmful and toxic effect of each one of used insecticides.

The student has submitted his Master in Experimental Embryology during the 2nd half of the year 2013 from Faculty of Science, Zoology department, Al-Azhar University.

(C) The present study was conducted to evaluate the hepatoprotective effects of MSCs and a ginger diet (*Zingiber officinale*) alone or together on carbon tetrachloride (CCl₄) induced liver damage in albino rats.

-Scientific review of the book (Evolution is a scientific theory or an ideology?) by the author, Dr. Irfan Yilmaz Professor, Faculty of Science - Istanbul University. Published in 2013 AD.

Student and community activities:

- **Field trips with students to collect samples from the valleys, the Red Sea and Sinai.**
- **Membership of NGOs in El-Obour (place of residence in Cairo).**
- **Financial Controller of the Parents' Council of the Model Religious Transit Institute for the years 2009-2010, 2010-2011 AD, and 2011-2012, and Deputy Parents 2012-2013.**

Hobbies:

- **Miscellaneous reading.**
- **Fishing.**
- **Religious chanting and singing.**
- **Camping, safaris and fishing.**

Philosophy Doctor Certificate



Certificates of attending courses, scientific seminars and conferences



















Faculty and Leadership Development Center Certifies that:
Dr. Walid Ali Mohamed Abu-Sheir
 Degree: Lecturer Dept.: Zoology
 Faculty: Science Univ.: Al-Azhar
 Has Attended and Met The Standards Required for
 Completion of a Training Course in:
Motivation
 Held from: 24/6/2013



يؤكد مركز تنمية القدرات /مركز تنمية القدرات والقيادات جامعة القاهرة ان:
د. وليد علي محمد ابو شعير
 الدرجة العلمية: محاضر القسم العلمي: علم الحيوان
 الكلية: العلوم الجامعة: الأزهر
 قد حضر واجتاز المعيار المتفق عليه للاختتام من الدورة التدريبية في:
التحفيز
 التي عقدت في الفترة من: 24/6/2013

مركز تنمية القدرات
 جامعة القاهرة
 24/6/2013



د. وليد علي محمد ابو شعير
 Dean of the Faculty of Veterinary Medicine
 Cairo University



شهادة حضور

تشهد جامعة الباحة
ممثلة بإدارة تطوير مهارات أعضاء هيئة التدريس بأن سعادة

د. وليد علي محمد ابو شعير
قد حضر البرنامج التدريبي

مفهوم الأمن السيبراني The Concept of Cybrsecurity

والذي أقيم بتاريخ

1441/07/13 هـ

نسأل الله تعالى أن يكتب له التوفيق

المشرف على إدارة تطوير مهارات أعضاء هيئة التدريس

د. مهديه بنت صالح النقي









