

Curriculum Vitae

Khalid Shaaban Hashem Mohamed

Lecturer of biochemistry, chemistry of nutrition and molecular biology

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Personal information:

Full name: Khalid Shaaban Hashem Mohamed.

Date of birth: August, 4 1981.

Current position: Lecturer of biochemistry, chemistry of nutrition and molecular biology

Address: El Zahraa st, Beni Suef.

Education:

2008- 2011: Ph.D. Degree in veterinary Science (Biochemistry, chemistry of nutrition and molecular biology) through a channel system between Beni-Sueif University, Egypt and Prof. Dr. M. Renee Prater, Ass. Professor of Pathology and immunology, School of osteopathic medicine, University of Virginia Tech. Blacksburg, Virginia, USA. Thesis title, “*Biochemical effects of some antioxidants on induced liver toxicity*”.

2005- 2007: Masters Degree in veterinary Sciences (Biochemistry, chemistry of nutrition and molecular biology) Beni Suef University, Egypt. Thesis title, “*Biochemical studies on Catfish in Beni Suef governorate*”

2004- 2005: Pre-requisite graduate courses towards the M.Sc., degree: (with general grade very good), Faculty of vet. medicine, Beni Suef university, Academic year.

Pre-master Courses Include: (Biochemistry, Physiology, Endocrinology, and Toxicology, Exophthalmology).

1998- 2003: Bachelor of veterinary science, Vet. College, Cairo University (Beni Suef Branch), Egypt Grade (Very Good).

Career history:

23-8-2011 up till Now: Lecturer of Biochemistry and chemistry of nutrition, Department of Biochemistry, chemistry of nutrition, Faculty of veterinary medicine, Beni-Suef University, Egypt.

2011 up till now: Lecturer at Department of Laboratory assistants and Technicians, Medical Technicians Institute, Ministry of Health and Population. Beni Suef Branch.

2012- 2014: Teaching General biochemistry, Metabolism and clinical biochemistry at **faculty of pharmacy,** Beni Suef University for regular students and clinical program students.

23-5-2007 to 23-8-2011: Assistant lecturer of Biochemistry, Department of Biochemistry, chemistry of nutrition and molecular biology, Faculty of veterinary medicine, Beni-Suef University, Egypt.

11-1-2004 to 23-5-2007: Demonstrator (equivalent to U.S graduate research assistant), Department of Biochemistry, chemistry of nutrition and molecular biology, Faculty of veterinary medicine, Beni-Suef University, Egypt.

Teaching experience:

Teaching *Practical biochemistry* to 2nd year undergraduate veterinary students.

Responsibilities include preparing and giving some lectures of *Chemistry* of nutrition and molecular biology.

Acted as a liaison between 2nd year undergraduate veterinary students and professors.

Teaching *Practical biochemistry* to 2nd year undergraduate veterinary students.

Responsible for the practical exams of *Pharmaceutical Chemistry course*.

Teaching Practical courses to *Postgraduate veterinary students as (Clinical biochemistry, biochemistry of Hormons, Pharmacological biochemistry,.....etc.)*

Teaching *Medical biochemistry* courses to 2nd year undergraduate veterinary students.

Responsible for the supervision on practical *Biochemistry course and exams*.

Teaching courses of Biochemistry to postgraduate students in our faculty.

Teaching Courses of Hematology and Hematological disorders to 2nd year students.

Teaching courses of clinical Biochemistry to 1st – 2nd year students.

Technical experiences:

Some of the Techniques and Methods that I am familiar with

I- All techniques of the routine medical analyses.

II- Highly expert in establishing new medical laboratories and preparing all the stock chemical reagents and stains that are used in them.

III- Research techniques:

PCR

Spectrophotometric analysis of enzyme activities,

Immunocytochemistry

ELISA

AWARDS:

Scholarship from the Egyptian Government to perform the practical part of my Ph.D under the supervision of Dr. R. M. Prater Ass. Prof. of Pathology and Immunology,

Faculty of Osteopathic medicine, Virginia Tech. University, Blacksburg, Virginia, US.

Projects:

Funded project from Beni Suef university on **(the possible protective effect of the use of stem cell on nduced atherosclerosis)**

Publications:

1- The protective effects of cerium oxide nanoparticles against hepatic oxidative damage induced by monocrotaline.

Khalid S Hashem, Kamal A Amin, Mohamed S Hassan, El-Said T Awad,
International Journal of Nanomedicine 2011:6 143–149.

2- Deltamethrin-induced oxidative stress and biochemical changes in tissues and blood of catfish (Clarias gariepinus): antioxidant defense and role of alpha-tocopherol

Kamal A Amin and Khalid S Hashem
BMC Veterinary Research 2012, **8**:45

3-The prospective protective effect of selenium nanoparticles against chromium-induced oxidative and cellular damage in rat thyroid

Kamel MA Hassanin, Samraa H Abd El-Kawi, Khalid S Hashem
International Journal of Nanomedicine 2013:8 1713–1720.

4- Hepatoprotective effects of vitamin C and micronized vitamin C against paracetamol induced hepatotoxicity in rats: a comparative study

Kamel M. A. Hassanin, Khalid S. Hashem, Samraa H. Abdel-Kawi. 2013. Int. J. Biochem.Biotechnol 2(7): 474-483.

5- A contribution towards milk enzymes, somatic cell count and bacterial pathogens associated with subclinical mastitis cows milk.

Zeinhom, M. M. A, Abed, A.H. and Hashem, K. S. 2013 Asuit vet. Med. J. (59): 138.

6- The effect of selenium on induced ischemia / reperfusion injury in ovaries of female albino rat: a histological and biochemical study. Dalia, H. abdel Aziz and **Khalid S. Hashem.** 2013. The Egyptian journal of histology (36): 931.

7- Histological and biochemical studies on the effect of vitamin E on sodium fluoride induced lung toxicity in adult albino rats: Dalia, H. Abdel Aziz, Samraa H. Abdel Kawi and **Khalid S. Hashem**. 2013: The Egyptian journal of histology (36): 899.

8- Oxidative hepatotoxicity effects of monocrotaline and its amelioration by lipoic acid, S-adenosyl methionine and vitamin E. Kamal Adel Amin, Khalid S. Hashem, Hessa M. Al-muzafar and Eman M. Taha. Journal of Complementary and Integrative Medicine. 2014 (11)1: 35–41.

9- Selenium nanoparticles increase the testicular antioxidant activity and spermatogenesis in male rats as compared to ordinary selenium. Saber Abd-Allah and **Khalid S. Hashem**. International Journal of Advanced Research (2015).3 (1): 792-802.

10- Biochemical study on the impact of Nigella sativa and virgin olive oils on cadmium-induced nephrotoxicity and neurotoxicity in rats. Eman Taha Mohammed, **Khalid Shaban Hashem**, Mahmoud Ramadan Abdel Rheim. Journal of Investigational Biochemistry .(2013) 3 (2):70-77.

11- Cerium oxide nanoparticles alleviate oxidative stress and decreases Nrf-2/HO-1 in D-GALN/LPS induced hepatotoxicity. Reem M. Hashem a, Laila A. Rashd b, **Khalid S. Hashem**, Hatem M. Soliman. Biomedicine & Pharmacotherapy (2015). 73 : 80–86.

12- The effect of aspirin nanoemulsion on TNF α and iNOS in gastric tissue in comparison with conventional aspirin. Fatma Abd Elhalim Mahmoud, **Khalid S. Hashem**, Asmaa Mohammed M Hussein Elkelawy. International Journal of Nanomedicine 2015:10.

13- The effect of high dietary fructose on the kidney of adult albino rats and the role of curcumin supplementation. A biochemical and histological study. Samraa H. Abdel-Kawi, Kamel M.A. Hassanin, Khalid S. Hashem. Beni-Suef University Journal of applied sciences. 2015. <http://dx.doi.org/10.1016/j.bjbas.2015.12.002>

14- Mechanism of diethylhexylphthalate (DEHP) induced testicular damage and of grape seed extract-induced protection in the rat. Samraa H. Abdel-Kawi, Khalid S. Hashem, Saber Abd-Allah (2016): Journal of food and chemical toxicology. 90 (2016) 64-75.

Software:

- Microsoft office.
- Graphpad statistical programme.

References:

Pro. Dr. Mohamed A. Kandeil

Prof. Of Biochemistry and chemistry of nutrition, Faculty of veterinary medicine, Beni-Suef University, Beni-Suef, Egypt.

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Prof. Dr. Mohammed Samir Hassan

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Beni Suef University, Beni Suef , Egypt.

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