

Curriculum Vitae



Personal Details:

Name	Tarek Kamal Abouzed	
Date of Birth	13/12/1979	
Nationality	Egyptian	
Gender	Male	
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Email	dosouk2000@yahoo.com/ tarek.abouzaid@vet.kfs.edu.eg	
Military status	Married	
Address	Kafr El-sheikh city , Egypt	
Position	<ul style="list-style-type: none">Assistant professor of Biochemistry and Molecular Biology, Biotechnology, Faculty of Veterinary Medicine, Kafr El-Sheikh University, Egypt.Technical Director of central diagnostic & research , Biotechnology lab of faculty of veterinary medicine, Kafr El-sheikh university(from 2015-2016)	

University Details:

University	Kafr El-sheikh University
Faculty	Faculty of Veterinary Medical Sciences
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Academic Qualification:

Degree	University	Country	Year	Field of Specialization
1. B.V.Sc	Tanta University (Kafr El-Sheikh branch)	Egypt	2003	(Grade: Very Good)
2-Master Degree of Vet. Med. Sc.	Tanta University (Kafr El-Sheikh branch)	Egypt	2007	Biochemistry
3- Ph. D (Biochemistry)	Graduate medical School , Kanzawa university with cooperation with Kafer elsheikh university	Japan + Egypt	2012	Biochemistry and Molecular Biology

Academic Position

Title	From - To	University	Country
Demonstrator of Biochemistry and Physiology	2003-2007	Tanta University (Kafr El-Sheikh branch)	Egypt
Assistant Lecturer of Biochemistry	2007-2012	Kafr El-Sheikh University	Egypt
Post Graduate Student (Ph.D. student)	February 2010 till March 2012	Kanazawa University, Graduate school of medical science	Japan
Post Doctor Position (Visiting researcher)	October 2013 till April 2014	Kanazawa University, Graduate school of medical science	Japan

Lecturer of Biochemistry	24 th November 2012 - 2017	Kafr El-Sheikh University	Egypt
Assistant professor	October 2017 till now		

Education:

1-Under-graduted courses:

Dates	1st October 1998- May 2003
Title of qualification awarded	Bachelor of Veterinary Medical Sciences (B.V.Sc.)
Principal subjects / occupational skills covered	<p>* 1st year: Veterinary Anatomy, Histology, chemistry, Biology, statistic, Hereditary, English Language.</p> <p>* 2nd year: Biochemistry, Animal nutrition, Animal behaviour, Physiology, Anatomy</p> <p>* 3rd year: Pharmacology, Microbiology, Pathology, Economy, Animal Production, Parasitology, pathology.</p> <p>* 4th year: Veterinary Internal Medicine, Surgery, Gynaecology and Obstetrics, Fish Disease, Milk Hygiene, pathology, Clinical pathology, toxicology</p> <p>* 5th year: Veterinary Internal Medicine, Surgery, Gynaecology and Obstetrics, Meat Hygiene, Infectious diseases, Animal Health, Poultry Diseases, Zoonoses</p>
Name and type of organization providing education and training	Faculty of Veterinary Medicine, Tanat University (Kafr El-sheikh branch), Egypt
Level in national or international classification Grade	Bachelor of Veterinary Medical Sciences(B.V.Sc.) Very Good

2-Post-graduted Courses:

Dates	1 September 2004 to May 2007
Title of qualification awarded	• Preparatory courses for Master Degree in Biochemistry and Physiology.
Principal subjects / occupational skills covered	General Biochemistry Physiology Gynacology
Title of Master Thesis	Lipoprotein lipase mRNA expression in different tissues of farm animals (Kafr El-sheikh University, Egypt)
Title of Ph.D. Thesis	The prevention and mechanism of diabetic vascular complications (Kanazawa University, Japan ,co-operation with Kafr El-sheikh university , Egypt)

Personal skills and competences:

1- Languages:

Arabic	Speaking: Excellent	Reading: Excellent	Writing: Excellent
English	Speaking: Excellent	Reading: Excellent	Writing: Excellent
Japanese	Speaking: good	Reading: good	Writing: good

2-Computer skills and competences:

Date	From 2004 till now
Title of qualification awarded	1- IT (Information technology). 2- Windows. 3- Microsoft Word. 4-Microsoft Excel. 5- Microsoft PowerPoint. 6- Internet Access 7- Microsoft Access. 8- Photoshop

3- Technical skills and competences:

Field and Laboratory skills

- Aware of using lab. Basics facilities, devices, chemicals.
- Trained on the most newly advanced techniques in the field of the Biochemistry and molecular biology (ELISA and PCR, Real Time PCR , Flowcytometry (FACS), electrophoresis).

Excellent in teaching following courses

- Carbohydrate chemistry, Lipids chemistry, Protein chemistry.
- Applied clinical biochemistry, and Molecular biology.
- Nucleic acids chemistry and metabolism.
- DNA and RNA Sequencing.
- Lipids, proteins and carbohydrate metabolism.
- Hormones, Minerals and Vitamins.
- Detoxication, Biotechnology and Immunochemistry.
- Molecular and biotechnology

Well trained and experience in practicing following topics

- Cloning and DNA sequencing,
- Tissue cultures and in vitro cell differentiation
- RNA , DNA extraction , PCR

- Real time PCR
- Western blot analysis
- Radio-immune assay
- Immunohistochemistry
- Protein electrophoresis and separation
- Enzyme linked immuno-sorbent assay (ELISA)
- Flowcytometry (FACS)

Conference Participations

1. Attendance the conference for the Faculty Of Veterinary Medicine, Kafrelsheikh University, Egypt.
2. Attendance for Training workshops for the FLDP in Kafrelsheikh Universities.
3. Attendance the 2nd international conference of Biotechnology and Environmental safety may, Egypt (2014),
4. Attendance the international conference World Academy of Science, Engineering and Technology, Turkey (2014)
5. Attendance the conference for the Faculty Of Veterinary Medicine, Kafrelsheikh University, Egypt (2016).

Members in the following Societies

1. Member of the Egyptian Veterinary Medical Syndicate since 2003.
2. Member of the Egyptian General Medical Syndicate since 2003.
3. Member of the Faculty Club of Tanta University, Egypt.
4. Member of quality assurance unit, faculty of veterinary medicine, Kafrelsheikh university .
5. Member of committee to evaluate the undergraduate exam paper.

Research and Scientific activities

First: At The Field of Teaching and Exams

- 1- Follow advanced technology for explaining and evaluation biochemistry courses and examinations for under and post graduate student in simple ways such as

A- Sensitize the university community culture development of student assessment systems and examinations.

B- Create bank questions with continuous updating

C- Encouraging feedback for students about examinations.

D- Activating the partnership and exchange of experiences between the university and analogues.

E- encourage the student to make continuous seminar project

2- Post graduate levels

Participating with my research experience in development and support of postgraduate studies at the department and college levels to enforce them to take their role in preparation of scientific personnel.

Second: At the field of scientific research

- 1) Exploiting my experience in designing and establishing research projects in EGYPT in setting up the research plane of my Biochemistry Department and my College to fit our community needs.
- 2) Participation in the establishment of research plane of biochemistry department and college to correspond community needs.
- 3) Attendance of scientific conferences in the field of Molecular Biology and Biochemistry in Egypt and in other countries to reinforce my knowledge that will be reflected on my students.

Projects under my supervision

	Role in project	Duration	Date get project	Financial support Authority	Project Title
1-	Principle Investigator (P.I)	18 months	18-10-2013	Kafr elsheikh University	Biotechnology application for diagnosis, understand the mechanism of development and treatment of diabetic nephropathy by using Egyptian herbal plants

List of professional references

1- Hiroshi Yamamoto, Ph.D

Professor Department of Biochemistry and Molecular Vascular Biology
Vice President, Kanazawa University Graduate School of Medical Sciences
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2-Yasuhiko Yamamoto, MD, PhD

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3-Dr.Khaled Khailo

professor ,head of Biochemistry Department,
E-mail address: Khailo2000@yahoo.com

List of Publications of Dr. Tarek Kamal Mahmoud Abouzed

Lecturer of Medical Biochemistry and Molecular Biology

- 1- El Kattawy, Azza M.; El Shazly, Samir A.; Kahilo, Khatid A.; Hassan, Ibrahim F.; Abo Zeid Tarek (2009). Lipoprotein lipase mRNA expression in different tissues of farm animals. Egyptian Journal of Biochemistry and Molecular Biology; 27 (1): 107-116
- 2- Win MT, Yamamoto Y, Munesue S, Saito H, Han D, Motoyoshi S, Kamal T, Ohara T, Watanabe T, Yamamoto H. (2012). Regulation of RAGE for attenuating progression of diabetic vascular complications. Exp Diabetes Res; 1-8, 894605
(*Impact factor in (2012):1.893*)
- 3- Kamal T, Y. Yasuhiko and H. Yamamoto (2012). Significance of Advanced endproducts(AGE) and receptor for(AGE) RAGE in diabetic nephropathy (chapter in book of Diabetic Nephropathy, ISBN 978-953-51-0543-5, edited by John S. D.
- 4- Atiba, A., Wasfy, T., Abdo, W., Ghonim, A. Kamal, T., Shukry, M. (2015). Aloe vera gel facilitates re-epithelialization of corneal alkali burn in normal and diabetic rats. *Journal of Clinical Ophthalmology* 10/2015; 9:2019—2026. (*Impact Factor: 0.76*). DOI: 10.2147/OPTH.S90778.
- 5- T. Kamal, E. Abd-Elhady², K.Sadek³, M.Shukry⁴ (2014). Effect of parsley (Petroselinum Crispum) on carbon tetrachloride-induced acute hepatotoxicity in rats. RJPBCS; 5(6), 1524-1534. (*Impact Factor: 0.25*)
- 6-Mustafa shukry; Tarek Kamal; Radi Ali; Foad Farrag; Essam Almadaly; Ayman A. Saleh; Mohammed Abu El-Magd(2015). Pinacidil and levamisole prevent glutamate-induced death of hippocampal neuronal cells through reducing ROS production. *Neurological Research*; 37(10):916- 23 (*Impact Factor: 1.418*).
- 7- Walied Abdo, Akihiro Hirata, Mostafa Shukry, Tarek Kamal, Essam Abdel-sattar, Engi Mahrous and Tokuma Yana (2015). Calligonum comosum extract inhibits diethylnitrosamine-induced hepatocarcinogenesis in rats. *Oncology Letters*. 716-722 (*Impact Factor: 1.482*).

- 8- Ghazy A., Atiba A., Shukry M., and **Kamal T.** (2015). Comparison of Lidocaine and Lidocaine–Neostigmine for Epidural Analgesia in Water Buffalo Calves (*Bubalus Bubalis*). *Alexandria Journal of Veterinary Sciences* 46: 177-181
- 9- Atiba A., Ghazy A., Gomaa N., **Kamal T.**, and Shukry M. (2015). The sedative, analgesic and cardiovascular effects of high dose of xylazine with or without atropine in water buffalo calves (*bubalus bubalis*). *Kafrelsheikh Vet. Med. J.*13: 155-172.
- 10- Khaled A. kahilo, **Tarek Kamal**, Nasr Elsayed, Mustafa Shukry, Doaa Dishesh and Mohammed Abdalla Hussein(2015). Fatty Acid Composition and Acute Toxicity Study on *Moringa peregrina* Fixed Oil in Albino Rats . *Int J Pharma Sci.* 2015, 5(5): 1282-1288.
- 11- Moshira A El-Abasy, Doaa H Abdelhady, **Tarek Kamel**, and Mustafa Shukry. (2016). Ameliorative Effect of Coconut Oil on Hematological, Immunological and Serum Biochemical Parameters in Experimentally infected Rabbits. *Alexandria J Vet Sci.* 2016; 50(1): 36-48.
- 12- El-Magd MA, Kahilo KA, Nasr NE, **Kamal T**, Shukry M, Saleh AA(2016). A potential mechanism associated with lead-induced testicular toxicity in rats. *Andrologia.* . doi: 10.1111/and.12750. [Epub ahead of print (*Impact Factor: 2.427*)
- 13- Atiba A., Ghazy A., Gomaa N., **Kamal T.**, and Shukry M. (2015). Evaluation of Analgesic Effect of Caudal Epidural Tramadol, Tramadol-Lidocaine, and Lidocaine in Water Buffalo Calves (*Bubalus bubalis*). *Veterinary Medicine International.* ID 575101, 6 pages. <http://dx.doi.org/10.1155/2015/575101>.
- 14-Kadry M, **Tarek K** , Mousa A.(2014). Oxidative and Hormonal Disruptions Underlie Bisphenol A-induced testicular Toxicity in male rabbits. *International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering* Vol: 8, No: 11; 1237-1243
- 15- Eldsokey Nassef, Mustafa Shukry and **Tarek kamal**. (2015). Effect of feed restriction on growth performance, sudden death syndrome and some blood parameters in broiler chickens. *Assiut Vet. Med. J. Vol.* 61 No. 147

- 16- **Tarek Kamal Abouzed**, Seiichi Munesue, Ai Harashima, Yusuke Masuo, Yukio Kato, Khaled Khailo, Hiroshi Yamamoto, and Yasuhiko Yamamoto(2016). Preventive Effect of Salicylate and Pyridoxamine on Diabetic Nephropathy. *journal of diabetes research* Article ID 1786789, 10 pages (*impact factor: 2.717*)

- 17- Kadry Sadek, **Tarek Abouzed** and Sherif Nasr (2016). Lycopene modulate cholinergic dysfunction, Bcl-2/Bax balance, and antioxidant enzymes gene transcripts in monosodium glutamate (E621) induced neurotoxicity in a rat model. *Can. J. Physiol. Pharmacol.* 94: 1–8 dx.doi.org/10.1139/cjpp-2015-0388 (*impact factor 1.822*)

- 18- Kadry M. Sadek, **Tarek K. Abouzed**, Reham Abouelkhair & Sherif Nasr (2017). The chemo-prophylactic efficacy of anethanol Moringa oleifera leaf extract against hepatocellular carcinoma in rats. *Pharmaceutical Biology journal* VOL. 55, NO. 1, 1458–1466 (*impact factor 1.916*)

- 19- Eman Elsayed, Nabila Yahia, **Tarek Kamal** and Eman Rabie (2014). The effect of Purslane, Garden Rocket and Cress seeds feeding for Rats suffered from acute renal injury. *journal of Home Economic* vol.24, No.3

- 20- **Tarek Kamal**, Khaled Khailo, Ibrahim Fattouh and Doaa Dorgham (2015). Biochemical studies on diabetic vascular complications in experimental animals. *Kafrelsheikh vet.Med.Vol13* No.1215-232.

- 21- Walied Abdo, Asmaa Magouz, Fares El-Khayat and **Tarek Kamal** (2017). Acute Outbreak of Co-Infection of Fowl Pox and Infectious Laryngotracheitis Viruses in Chicken in Egypt. *Pakistan veterinary journal.* ISSN: 0253-8318 (*impact factor; 0.813*)

- 22- Gamal Galal, **Tarek Abou Zed**, Khalid Kahilo, Mustafa Shukry. (2016) Effect of L-carnitine on Lead-induced Infertility in Female Rats. *International Journal of Science and Research, Volume 5 Issue 2.* 1492-1499

- 23- Khaled A. kahilo, **Tarek Kamal**, Nasr Elsayed, Mustafa Shukry, Doaa Dishesh and Mohammed Abdalla Hussein(2015). Fatty Acid Composition and Acute Toxicity Study on Moringa peregrina Fixed Oil in Albino Rats . *Int J Pharma Sci.* 2015, 5(5): 1282-1288.

24-Samy Kasem,Gabr Albagory, Ali Abdelkader, Hideto Fukushi, Noura Alkhalefa, Mohamed Nayel ,Al-said Dawod , **Tarek Kamal** (2015). Identification, expression and localization of the UL45 protein of equine Herpes Virus Type 1. *Kafrelsheikh vet.Med.J.Vol.13*;35-55

25- Sadek K, Abouzed T, Nasr S, Shukry M (2017).Role and potential targeting of hepatic apurinic/aprimidinic endonuclease-1 and cyclin-dependent kinase-4 in hepatocellular carcinoma. *Can J Physiol Pharmacol*. 2017 Jul 5. doi: 10.1139/cjpp-2017-0091. [Epub ahead of print] (*impact factor 1.822*)

26- Kadry M. Sadek , Mohamed A. Lebda , Tarek K. Abouzed , Sherif M. Nasr , Moustafa Shoukry (2017). Neuro- and nephrotoxicity of subchronic cadmium chloride exposure and the potential chemoprotective effects of selenium nanoparticles. *Metab Brain Dis* DOI 10.1007/s11011-017-0053-x (*impact factor 2.2*)

27- Tarek Kamal, Nasr El-sayed , Ibrahim fattouh, Doaa Dorgham, Moustafa shukry, Khaled Kahilo (2017). *Kigella Africana* and *Boswellia Serrata* ameliorate diabetic nephropathy in Streptozotcine –induced diabetic rats. *Assiut vet.Med.J.Vol.63 No.154* ,138-145.