

Teaching Skills

- Strong experience in teaching Biochemistry and molecular Biology teaching.
- Provided high quality instruction with the goal of helping students understand principle of Biochemistry and metabolism and meet course expectations
- Supported and abided by the university's code of conduct as well as academic policies and procedures.
- Maintained integrity and showed courtesy and empathy when going over assignments and examinations with students.
- Performed peer-reviews and editing services for fellow academics and colleagues
- Highly knowledgeable in principle biochemistry ,metabolism ,clinical Biochemistry , and molecular biology
- Uncommon ability to work together with other staff members as a team.

Research Skills

- Conducting research on topics related to their fields of study
- Teaching classes in their area of expertise to undergraduate and graduate students
- Working with other faculty members to develop new courses or curricula, or revise existing ones
- Maintaining an active research program in their field, publishing findings in peer-reviewed journals
- Performing administrative duties such as overseeing the work of postdoctoral fellows and teaching assistants
- Participating in academic activities such as attending conferences, seminars, lectures, and workshops related to their field of study
- Preparing proposals for external funding sources such as foundations or government agencies
- Providing students with advice on their research projects or thesis topics
- Reviewing applications for graduate school admission or postdoctoral fellowships



Prof. Dr. Tarek kamal Abouzed

*Head of Biochemistry . Faculty of
veterinary medicine . kafer elsheikh
university*
*Acting Vice Dean for Education and
Student Affairs*

CAREER OBJECTIVE

contribute to the growth of
the organization.

CONTACT

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🌐 https://scholar.google.com/citations?hl=en&user=UKjlfqwAAA-AJ&view_op=list_works&sortby=pubdate

EMPLOYMENT HISTORY

- **2003 -2007** | Demonstrator, Kafrelsheikh, Tanta University
- **2007 -2010** | Assistant lecture, Kafrelsheikh University
- **2010 -2012** | Foreign Researcher, Laboratory of Biochemistry, Graduate school of Medicine, Kanazawa University, Japan
- **2012 -2017** | Lecture of Biochemistry and molecular biology, Kafrelsheikh University
- **2017-2022** | collaborative professor, Kanazawa university, japan
- Associate professor, kafrelsheikh university, Egypt
- **2023-till now** | professor, kafrelsheikh university
Collaborative professor, kanazawa university, japan

Skills and training

- 1.Holding ICDL certificate from nearly 10 years ago.
- 2.Holding international TOEFL certificate from IBC, Tanta branch
- 3.Obtaining several training programs of FLDP and IFLDC such as
 - a.Thinking
 - b.Scientific research
 - c. Effective Communication Skills
 - d.Effective Presentation Skills
 - e. Using technology in teaching
 - f. Quality standards in teaching process
 - g.Occupation ethics
 - h.Institutional development
 - i. Scientific research methods
 - j. Competitive Research Projects
 - k.Time and meeting management
 - l. International Scientific publishing
 - m.Strategic plan
- 4.Obtaining several training programs of ICTT such as:
 - a. Typing
 - b.Basic concepts of IT
 - c. Using computer and managing files

Tarek kamal Abouzed

*Head of Biochemistry . Faculty of
veterinary medicine . kafrel sheikh
university
Acting Vice Dean for Education and
Student Affairs*

EDUCATION

2023 | professor of Biochemistry and molecular biology

Kafrelsheikh university

2012 | PhD of Biochemistry

Faculty of medicine , kanazawa
university , japan

2003 | BS of veterinary sciences

Kafrelsheikh university

Publication

My Google scholar

https://scholar.google.com/citations?hl=en&user=UKjlfqwAAAAJ&view_op=list_works&sortby=pubdate

1. Hossam G Tohamy, Mohamed A Lebda, Kadry M Sadek, Mohamed S Elfeky, Yasser S El-Sayed, Dalia H Samak, Heba S Hamed, **Tarek K Abouzed (2022)**. Biochemical, molecular and cytological impacts of alpha-lipoic acid and Ginkgo biloba in ameliorating testicular dysfunctions induced by silver nanoparticles in rats. *Environmental Science and Pollution Research* 29 (25), 38198-38211 (5.190)
2. Essam A Almadaly, Ibrahim M Ibrahim, Maha S Salama, Mohey A Ashour, Ferial M Sahwan, Ismail I El-Kon, **Tarek K Abouzed**, Wael B El-Domany (2022) .Effect of platelet-rich plasma (PRP) on post-thaw quality, kinematics and in vivo fertility of fertile and subfertile buffalo (*Bubalus bubalis*) spermatozoa. *Veterinary Research Communications* (2.816)
3. Hanan Basiouni El-Saway, Mohamed Mohamed Soliman, Kadry Mohamed Sadek, Eldsokey Nassef, **Tarek Kamal Abouzed (2022)**.Beneficial impact of dietary methyl methionine sulfonium chloride and/or L-carnitine supplementation on growth performance, feed efficiency, and serum biochemical parameters in broiler chicken: role of IGF-1 and MSTN genes. *Tropical Animal Health and Production* 54: 98 (1.893)
4. **Tarek Kamal Abouzed**, Mohamed Mohamed Soliman, Shymaa A Khatab, Wael M Gouda, Ehab B Eldomany, Doaa Abdullah Dorghamm.(2022).The protective impacts of *Spirulina platensis* against cisplatin-induced renal injury through the regulation of oxidative stress, pro-inflammatory cytokines and Bax/Bcl2. *Toxicology Research, Volume 11, Issue 1, Pages 169–178.*(2.680)
5. **Tarek Kamal Abouzed**, Fayez Althobaiti, Alaa Faik Omran, Ehab Bedir Eldomany, Samir Ahmed El-Shazly, Fahad Alharthi, Azza Mansour Elkattawy, Khaled Abd Aleim Kahilo, Doaa Abdallha Dorghamm.(2022).The chemoprevention of *spirulina platensis* and garlic against diethylnitrosamine induced liver cancer in rats via amelioration of inflammatory cytokines expression and oxidative stress *Toxicology Research, Volume 11, Issue 1, Pages 22–31.*(2.680)
6. Mohamed Mohamed Soliman, Adil Aldhahrani, Samir Ahmed Elshazly, Mustafa Shukry, **Tarek Kamal Abouzed (2022)**. Borate ameliorates sodium nitrite-induced oxidative stress through regulation of oxidant/antioxidant status: Involvement of the Nrf2/HO-1 and NF-κB pathways. *Biological Trace Element Research* 200:197–205 (4.081)
7. **Tarek Kamal Abouzed**, Eman Abd Elrahman Sherif, Mohamed El Sayed Barakat, Kadry Mohamed Sadek, Adil Aldhahrani, Nasr Elsayed Nasr, Ehab Eldomany, Khaled Khailo, Doaa Abdallha Dorghamm (2021). Assessment of gentamicin and cisplatin-induced kidney damage mediated via necrotic and apoptosis genes in albino rats. *BMC Veterinary Research* (2.741)
8. **Tarek Kamal Abouzed**, Ehab B Eldomany, Shymaa A Khatab, Adil Aldhahrani, Wael M Gouda, Ahmed M Elgazzar, Mohamed Mohamed Soliman, Mohamed Atef Kassab, Samir Ahmed El-Shazly, Fayez Althobaiti, Doaa Abdallha Dorghamm.(2021). The modulatory effect of bee honey against diethyl nitrosamine and carbon tetrachloride instigated hepatocellular carcinoma in Wistar rats. *Toxicology Research, Volume 10, Issue 6, Pages 1092–1103 .* (2.680)
9. **Tarek Kamal Abouzed**, Fayez Althobaiti, Nesreen Adel Abdelkhlek, Ehab Bedir Eldomany, Nasr Elsayed Nasr, Kadry Mohamed Sadek, Samir Ahmed El-Shazly, Khaled A Kahilo, Doaa Abdallha Dorghamm.(2021). Antitumor and Antioxidant Activity of S-Methyl Methionine Sulfonium Chloride against Liver Cancer Induced in Wistar Albino Rats by Diethyl Nitrosamine and Carbon

- Tertrachloride. [International Journal of Environmental Research and Public Health](#) (4.614)
10. Kadry M Sadek, Sahar FE Mahmoud, Mohamed F Zeweil, [Tarek K Abouzed](#).(2021). Proanthocyanidin alleviates doxorubicin-induced cardiac injury by inhibiting NF- κ B pathway and modulating oxidative stress, cell cycle, and fibrogenesis. [Journal of Biochemical and Molecular Toxicology](#) (3.568)
 11. [Tarek K Abouzed](#), Esraa-Elden R Beltagy, Khaled A Kahilo, Wafaa M Ibrahim. (2021). Molecular changes associated with the anticancer effect of sulforaphane against Ehrlich solid tumour in mice. [Journal of Biochemical and Molecular Toxicology](#) (3.568)
 12. [Tarek Kamal Abouzed](#), Kadry M Sadek, Emad Waded Ghazy, Walied Abdo, Mohamed Atef Kassab, Salma Hago, Samia Abdel-Wahab, Engy A Mahrous, Essam Abdel-Sattar, Doaa H Assar.(2020). Black mulberry fruit extract alleviates streptozotocin-induced diabetic nephropathy in rats: targeting TNF- α inflammatory pathway. [Journal of Pharmacy and Pharmacology](#) (4.810)
 13. Kadry Sadek, [Tarek K Abouzed](#), Sherif Nasr, Moustafa Shoukry (2020). Licochalcone B Ameliorates Liver Cancer via Targeting of Apoptotic Genes, DNA Repair Systems, and Cell Cycle Control. [Iranian Journal of Pharmaceutical Research](#). (1.962)
 14. Eldsokey Nassef, [Tarek K Abouzed](#), Mustafa Shokry (2019). Impact of Dietary Propylene Glycol Supplementation on Some Biochemical Parameters, Productive and Reproductive Performance of Lactating Dairy Cows. [Alexandria Journal for Veterinary Sciences](#)
 15. Eman Hassan, Khaled Kahilo, [Tarek Kamal](#), Marwa Hassan, Mohamed Saleh Elgawish (2019). The protective effect of epigallocatechin-3-gallate on testicular oxidative stress in lead-induced toxicity mediated by Cyp19 gene/estradiol level. [Toxicology](#) (4.571)
 16. Eman Hassan, Khaled Kahilo, [Tarek Kamal](#), Mahmoud El-Neweshy, Marwa Hassan (2019). Protective effect of diallyl sulfide against lead-mediated oxidative damage, apoptosis and down-regulation of CYP19 gene expression in rat testes. [Life sciences](#) (6.78)
 17. [Tarek K Abouzed](#), Kadry M Sadek, Mousa M Ayoub, Ebeed A Saleh, Sherif M Nasr, Yasser S El-Sayed, Moustafa Shoukry (2019). Papaya extract upregulates the immune and antioxidants-related genes, and proteins expression in milk somatic cells of Friesian dairy cows. [Journal of animal physiology and animal nutrition](#). (2.718)
 18. Kadry M Sadek, Mohamed A Lebda, [Tarek K Abouzed](#) (2019). The possible neuroprotective effects of melatonin in aluminum chloride-induced neurotoxicity via antioxidant pathway and Nrf2 signaling apart from metal chelation. [Environmental Science and Pollution Research](#) (5.190)
 19. [Tarek K Abouzed](#), Doaa A Dorghamm, Khaled A Kahilo, Azza M Elkattawy, Eldsokey Nassef, Hanan B El-sawy (2019).Impact of L-carnitine supplementation on growth of broiler chicken through determination of changes in the expression of CAT2, MYOD and MYF5 genes. [Slovenian Veterinary Research](#) (0.922)
 20. Eldsokey Nassef, Ahmed Sherif Elsayed Hegazi, Mohamed Elshamy, Abdelnasser Bakr, [Tarek K Abouzed](#) (2019). Impact of altering dietary omega 6 to omega 3 fatty acids ratio on growth performance , carcass composition , hemato-biochemical parameters and absorptive capacity of the intestine of Nile tilapia .[Slovenian Veterinary Research](#) (0.922)
 21. Nabil M Abdel-Hamid, [Tarek K Mahmoud](#), Shimaa A Abass, Mamdouh M El-Shishtawy (2018). Expression of thioredoxin and glutaredoxin in experimental hepatocellular carcinoma –relevance for prognostic and diagnostic evaluation. [Pathophysiology journal](#)
 22. Esraa Elden R Beltagy, [Tarek K Abouzed](#), Nasr E Nasr, Enas A Nasser, Wafaa M Ibrahim, Khaled A Kahilo (2018). The antitumor effect of sulforaphane on ehrlich solid mass tumor is associated with a reduction in the expression of plectin protein and oxidative stress. [Journal of Applied Pharmaceutical Science](#) (1.376)
 23. Mohamed A Lebda, Kadry M Sadek, Hossam G Tohamy, [Tarek K Abouzed](#), Mostafa Shukry,

- Masakazu Umezawa, Yasser S El-Sayed (2018). Potential role of α -lipoic acid and Ginkgo biloba against silver nanoparticles-induced neuronal apoptosis and blood-brain barrier impairments in rats. [Life sciences](#) (6.78)
24. Kadry M Sadek, Mohamed A Lebda, [Tarek K Abouzed](#), Sherif M Nasr, Yasser El-Sayed (2018). The molecular and biochemical insight view of lycopene in ameliorating tramadol-induced liver toxicity in a rat model: implication of oxidative stress, apoptosis, and MAPK signaling pathways. [Environmental Science and Pollution Research](#) (5.190)
 25. [Tarek Kamal Abouzed](#), María del Mar Contreras, Kadry Mohamed Sadek, Moustafa Shukry, Doaa H Abdelhady, Wael Mohamed Gouda, Walied Abdo, Nasr Elsayed Nasr, Reham Hassan Mekky, Antonio Segura-Carretero, Khaled Abdel-Aleim Kahilo, Essam Abdel-Sattar (2018). Red onion scales ameliorated streptozotocin-induced diabetes and diabetic nephropathy in Wistar rats in relation to their metabolite fingerprint. [Diabetes research and clinical practice](#) (8.180)
 26. Shimaa A Abass, Nabil M Abdel-Hamid, [Tarek K Abouzed](#), Mamdouh Mohammad El-Shishtawy (2018). [Chemosensitizing effect of Alpinia officinarum rhizome extract in cisplatin-treated rats with hepatocellular carcinoma](#). [Biomedicine & Pharmacotherapy](#) (7.419)
 27. Mohamed A Lebda, Kadry M Sadek, [Tarek K Abouzed](#), Hossam G Tohamy, Yasser S El-Sayed (2018). Melatonin mitigates thioacetamide-induced hepatic fibrosis via antioxidant activity and modulation of proinflammatory cytokines and fibrogenic genes. [Life sciences](#) (6.78)
 28. Doaa H Abdelhady, Moshira A El-Abasy, Mustafa S Atta, Emad W Ghazy, [Tarek K Abouzed](#), Amira M El-Moslemany (2017). Synergistic Ameliorative Effects of Organic Chromium and Selenium Against Heat Stress in Japanese Quails: Performance, Immunological, Hematological, Biochemical And Antioxidant Studies. [Alexandria Journal for Veterinary Sciences](#)
 29. MA El-Magd, KA Kahilo, NE Nasr, [T Kamal](#), M Shukry, AA Saleh (2017). A potential mechanism associated with lead-induced testicular toxicity in rats. [Andrologia](#) (2.532)
 30. 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. [Metabolic brain disease](#) (3.655)
 31. Walied Abdo, Asmaa Magouz, Fares El-Khayat, [Tarek Kamal](#) (2017). Acute Outbreak of Co-Infection of Fowl Pox and Infectious Laryngotracheitis Viruses in Chicken in Egypt. [Pakistan Veterinary Journal](#) (1.803)
 32. Kadry M Sadek, [Tarek K Abouzed](#), Reham Abouelkhair, Sherif Nasr (2017). The chemoprophylactic efficacy of an ethanol *Moringa oleifera* leaf extract against hepatocellular carcinoma in rats. [Pharmaceutical biology](#) (3.889)
 33. [Tarek Kamal Abouzed](#), Seiichi Munesue, Ai Harashima, Yusuke Masuo, Yukio Kato, Khaled Khailo, Hiroshi Yamamoto, Yasuhiko Yamamoto (2016). Preventive effect of salicylate and pyridoxamine on diabetic nephropathy. [Journal of Diabetes Research](#) (4.061)
 34. Moshira A El-Abasy, Doaa H Abdelhady, [Tarek Kamel](#), Mustafa Shukry (2016). Ameliorative effect of coconut oil on hematological, immunological and serum biochemical parameters in experimentally infected rabbits. [Alexandria Journal for Veterinary Sciences](#)
 35. Gamal Galal, [Tarek Abouzed](#), Khalid Kahilo, Mustafa Shukry (2016). Effect of L-carnitine on Lead-induced Infertility in Female Rats. [International Journal of Science and Research](#)
 36. Kadry Sadek, [Tarek Abouzed](#), Sherif Nasr (2016). Lycopene modulates cholinergic dysfunction, Bcl-2/Bax balance, and antioxidant enzymes gene transcripts in monosodium glutamate (E621) induced neurotoxicity in a rat model. [Canadian Journal of Physiology and Pharmacology](#) (2.245)
 37. Ayman Atiba, Alaa Ghazy, Naglaa Gomaa, Tarek Kamal, Mustafa Shukry . (2015). Evaluation of analgesic effect of caudal epidural tramadol, tramadol-lidocaine, and lidocaine in water buffalo

- calves (*Bubalus bubalis*). [Veterinary Medicine International](#)
38. [Tarek kamal Abouzed](#) , Nasr El-sayed Nasr, Ibrahim fattouh, Doaa Dorgham, Mustafa Shukry , Khaled Kahilo. (2017). *Kigelia Africana* and *boswellia serrate* ameliorate diabetic nephropathy in streptozotocine –induced diabetic rats. [Assiut Veterinary Medical Journal](#)
 39. 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](#) (2.529)
 40. Walied Abdo, Akihiro Hirata, Mostafa Shukry, [Tarek Kamal](#), Essam Abdel-Sattar, Engi Mahrous, Tokuma Yanai. (2015). *Calligonum comosum* extract inhibits diethylnitrosamine-induced hepatocarcinogenesis in rats. [Oncology Letters](#) (3.111)
 41. Samy Kasem, Gabr Albagory, Ali Abdelkader, Hideto Fukushi, Noura Alkhalefa, Mohamed Nayel, [Tarek Kamal](#), Al-Said Dawod (2015). Identification , expression and Localization of the UL45 protein of equine herpes virus type 1 . [Kafrelsheikh Veterinary Medical Journal](#)
 42. Alaa Ghazy, Ayman Atiba, Mustafa Shukry, [Tarek Kamal](#) (2015). Comparison of Lidocaine and Lidocaine-Neostigmine for epidural analgesia in water buffalo calves (*Bubalus Bubalis*). [Alexandria Journal of Veterinary Sciences](#)
 43. A. Atiba, A. Ghazy, N. Goma, M. Shukry and [T. Kamal](#) (2015). The sedative, analgesic and cardiovascular effects of high dose of xylazine with or without atropine in water buffalo calves (*bubalus bubalis*) [Kafrelsheikh Veterinary Medical Journal](#)
 44. Ayman Atiba, Tamer Wasfy, Walied Abdo, Ahmed Ghoneim, [Tarek Kamal](#), Mustafa Shukry .(2015). Aloe vera gel facilitates re-epithelialization of corneal alkali burn in normal and diabetic rats. [Clinical Ophthalmology](#) (2.19)
 45. Kadry M Sadek, [Tarek K Abouzed](#), Mousa A Ayoub (2014). Oxidative and hormonal disruptions underlie bisphenol a-induced testicular toxicity in male rabbits. [International Journal of Bioengineering and Life Sciences](#)