



## CV

**Prof. Dr. Samir Ahmed Mohamed El-Shazly**

**Professor of Biochemistry,  
Vice Dean for Education and Students Affairs  
Faculty of Veterinary Medicine, Kafrelsheikh University**

### 1- Personal information

<b>Name</b>	<b>Samir Ahmed Mohamed El-Shazly</b>
<b>date of birth</b>	12/01/1969
<b>marital status</b>	Married, with three children
<b>Address</b>	<b>Work:</b> Department of Biochemistry, Faculty of Veterinary Medicine, Kafrelsheikh University, 33516, Egypt <b>Home:</b> Kafr El Sheikh - Al Atebaa District - Ali Bin Abi Talib Street - No. 21
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### 2- Employment information

<b>Current Position</b>	Professor and head of Department of Biochemistry, Faculty of Veterinary Medicine, Kafrelsheikh University
<b>work phone</b>	0473116211
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<b>work address</b>	Algeesh Street - Faculty of Veterinary Medicine - Kafr El-Sheikh University - Arab Republic of Egypt

### 3- Academic qualifications:

<b>May 1991</b>	Bachelor of Veterinary Medical Sciences Very good with honors - Faculty of Veterinary Medicine - Alexandria University
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<b>January 1995</b>	Master of Veterinary Medical Sciences (specializing in biochemistry) - Faculty of Veterinary Medicine - Alexandria University <i>"Lipid Metabolism in Male Rat fed Diet supplemented With Linseed Oil and Ascorbic acid"</i>
<b>March 2002</b>	Doctor of Philosophy in Veterinary Medical Sciences (Biochemistry) - Laboratory of Experimental Animal Science - College of Veterinary Medicine, Hokkaido University, Japan <i>"Differential Effect of the combination between KitW or KitW-v Mutant Allele and the KitS Allele derived from Mus spretus on Male Hybrid Sterility"</i>

#### 4- Career progression

<b>9/12/1991</b>	<b>Demonstrator of Biochemistry</b> , Department of Physiology, Pharmacology and Biochemistry - Faculty of Veterinary Medicine - Alexandria University
<b>23/10/1994</b>	<b>Demonstrator of Biochemistry</b> , Department of Physiology and Biochemistry - Faculty of Veterinary Medicine - Tanta University, Kafrelsheikh Branch
<b>3/4/1995</b>	<b>Assistant Lecturer of Biochemistry</b> , Department of Physiology and Biochemistry - Faculty of Veterinary Medicine - Tanta University, Kafrelsheikh Branch (Biochemistry major)
<b>29/4/2003</b>	<b>Lecturer of Biochemistry</b> , Department of Biochemistry - Faculty of Veterinary Medicine, Tanta University, Kafrelsheikh Branch
<b>23/11/2009</b>	<b>Assistant Professor of Biochemistry</b> , Department of Biochemistry, Faculty of Veterinary Medicine, Kafrelsheikh University
<b>26/2/2015</b>	<b>Professor of Biochemistry</b> , Department of Biochemistry, Faculty of Veterinary Medicine, Kafrelsheikh University
<b>8/2020</b>	<b>Professor and head of Biochemistry</b> Department, Faculty of Veterinary Medicine, Kafrelsheikh University
<b>11/1/2024</b>	<b>Vice Dean for Education and Students Affaire</b> Faculty of Veterinary Medicine, Kafrelsheikh University

#### 5- Scientific missions and vacations

<b>From 4/10/1997 to 3/10/2002</b>	Scientific mission to obtain a PhD in Veterinary Medical Sciences (Biochemistry) - Laboratory of Experimental Animal Science - College of Veterinary Medicine, Hokkaido University, Japan funded from Ministry of High Education , Egypt
<b>From 4/10/2002 to 31/3/2003</b>	Postdoctoral scholarship funded from the Japanese side - Laboratory of Experimental Animal Science - College of Veterinary Medicine, Hokkaido University, Japan
<b>From 7/10/2008 to 5/11/2018</b>	Personal contracting in the Kingdom of Saudi Arabia, Taif University, College of Science, Department of Biotechnology
<b>From 7/10/2008 to 5/11/2018</b>	Wife accompanying permit

## 6- Tasks within the Faculty

1. Head of the Biochemistry Department from 3/2020 to 8/2023
2. Secretary of the College Council for the academic year 2022/2023 session
3. Coordinator of the college accreditation renewal visit
4. Member of the College Council for the academic years 2020/2021, 2021/2022 and 2022/2023
5. Member of the Education and Student Affairs Committee for the years 2021/2022 and 2022/2023
6. Head of the Fourth Final Examinations Result Committee for the academic year 2020/2021
7. Head of the Examinations preparation committee for the academic year 2021/2022
8. Head of the Fifth Final Examinations Result Committee for the academic year 2022/2023
9. Member of the committee for selecting the ideal student for the academic year 2022/2023
10. Chairman of the technical decision committee for the tender for the supply of scientific equipment for the college for the year 2021
11. Participation in the university's electronic exam system for the years 2021/2022 and 2022/2023
12. Participation in the work of practical, oral and theoretical tests for undergraduate and postgraduate students in the department and biochemistry departments in the faculties of veterinary medicine, Mansoura University - Menoufia University - Sadat City University - Damanhour University - and the Faculty of Pharmacy Kafr El-Sheikh University.
13. Participate in Designing up the list of undergraduate students (credit hours) and the new list of postgraduate students (credit hours).
14. An external member to receive a project to support and develop educational effectiveness at the Faculty of Fisheries and Fisheries, Kafrelsheikh University
15. Member of the internal review committee for the general program of the Bachelor of Veterinary Medicine, the credit hours system at the Faculty of Veterinary Medicine Kafrelsheikh University
16. Member of the internal review committee for the general program of the Bachelor of Veterinary Medicine, the credit hours system at the Faculty of Veterinary Medicine Kafrelsheikh University

## 7- Scientific Research Published (locally and internationally)

1. Ables, G.P., Takamatsu, D., Noma, H., **El-Shazly, S.**, Jin, H.K., Taniguchi, T., Sekikawa, K. & Watanabe, T. (2011). The roles of *Nramp1* and TNF- $\alpha$  genes in nitric oxide production and their effect on the growth of *Salmonella typhimurium* in macrophages from *Nramp1* congenic and tumor necrosis factor- $\alpha$ -/- mice. *Journal of Interferon and Cytokine Research*, 21, (1), 53-62.
2. **El-Shazly, S.**, Okano, S., Asano, A. & Watanabe, T. (2001) Developmental study of the different effects on the hybrid sterility of Kit and KitW-v alleles paired with Kit from *Mus spretus*. *Development Growth Differentiation*, 43, (5), 611-7.

3. **El-Shazly, S.**, Seo, K.W., el-Nahas, A., Ables, G.P., Asano, A. & Watanabe, T. (2001) Male hybrid sterility of mice with the genomic region of the KitW mutation and the KitS allele from *Mus spretus*. *Biochemical Genetics*, 39, (3-4), 127-37.
4. El-Nahas, A., **El-Shazly, S.**, El-Fiky, S. & Watanab, T. (2002) Differential effects of the KitW mutation with other Kit allelic combinations on male sterility among inter- or intra-subspecific hybrids in mice. *Biochemical Genetics*, 40, (1-2), 13-25.
5. Shaban, Z., **El-Shazly, S.**, Abdelhady, S., Fattouh, I., Muzandu, K., Ishizuka, M., Kimura, K., Kazusaka, A. & Fujita, S. (2004) Down regulation of hepatic PPARalpha function by AhR ligand. *Journal of Veterinary Medical Sciences*, 66, (11), 1377-86.
6. Alaa-eldin, S., Shoichi, I., **El-Shazly, S.**, Abdel-kader, M.A. & Mohamed K. (2004) Construction of Plasmid Encoding Glutathione-S-Transferase Fused to Human Alpha Bax Protein to Prepare Bax Affinity Column. *The International Conference on Biological Science*, 3, (1), 762-783.
7. Shaban, Z., **El-Shazly, S.**, Ishizuka, M., Kimura, K., Kazusaka, A. & Fujita, S. (2004) PPARalpha dependent modulation of hepatic CYP1A by clofibric acid in rats. *Archives in Toxicology*, 78, (9), 496-507.
8. Shaban, Z., Soliman, M., **El-Shazly, S.**, El-Bohi K., Abdelaziz, A., Kehelo, K., Muzandu, K., Ishizuka, M., Kazusaka, A. & Fujita, S. (2005) Ahr and PPARα: antagonistic effect on CYP2B and CYP3A, and additive inhibitory effect on CYP2C11. *Xenobiotica*, 35, (1), 51-68.
9. Yosef, T.A., El\_Shazly, K. A. & **El-Shazly, S.A.** (2006) Aflatoxin B1 Induced Toxicity in Broiler Chicks: Protective Effect of Melatonin. *Kafrelsheikh Veterinary Journal*, 4, (1), 529-553.
10. Amer, S., El\_Shazly, K.A. & **El-Shazly S.A.** (2006) Immunostimulating Effect of Pelargonium reinforme/sidoides Extract (Kalobin®) on Mice Infected with *Prohemistomum vivax*. *Egyptian Journal of Experimental Biology*, 2, 117-121.
11. Ahmed, M.M., Shaaban, Z.Sh., Soliman, M.M., **El-Shazly, S.A.** & El-Kirdasy, A.F. (2008) Immunomodulatory effect of *Nigella sativa* on bovine peripheral blood mononuclear cells. *Minufiya Veterinary Journal*, 5, (2), 353-367.
12. Mohamed, M.S., Yakut, A.E., Maysara, M.S., Omniya, M.A., Elkattawy, A.M. & **El-Shazly, S.A.** (2008) Role of Protease Inhibitors and Acylation Stimulating Protein in Adipogenesis in 3T3-L1 Cells. *Journal Of Medical Molecular Biotechnology*, 6, (1), 61-73.
13. **El-Shazly, S.A.**, Elkattawy, A.M., Alaa Eldin, S.A., Yasahiro, k. & Takahashi agui (2008) Differential expression of c-Kit mRNA with exon II skipping in some tissues in rat. *The Specialized Journal for Biochemistry and Molecular Biology*, 3, (1), 15-24.
14. Elkattawy, A.M., **El-Shazly, S.A.**, Kahilo K.A., Hassan, I.F. & Abo Zeid, T.K. (2009) Lipoprotein Lipase mRNA expression in different tissues of farm animals. *Egyptian Journal of Biochemistry and Molecular Biology*, 27, (1), 107-116.
15. Yousef, T.A., **Elshazly, S.A.** & Marzouk, M.A. (2009). Toxicological effect of X-radiation to male rats and prophylactic role of L-carnitine. *Zagazig Veterinary Journal*, 37, (1), 48-61
16. Refat, M.S. & **El-Shazly, SA.** (2010) Identification of a new anti-diabetic agent by combining VOSO<sub>4</sub> and vitamin E in a single molecule: studies on its spectral, thermal and pharmacological properties. *European Journal of Medical Chemistry*, 45, (7), 3070-3079.
17. Montaser, M.M., Mahfouz, M.E., **El-Shazly, S.A.**, Abdel-Rahman, G.H. & Bakry, S. (2010) Toxicity of Heavy Metals on Fish at Jeddah Coast KSA: Metallothionein Expression as a Biomarker and Histopathological Study on Liver and Gills. *World Journal of Fish and Marine Sciences*, 2, (3) 174-185.
18. Ibrahim, M.M., Abdel-Motaleb, M., Ramadan, M., Gaber, A.M. & El-Shazly, S.A. (2011) Synthesis, superoxide dismutase, nuclease, and anticancer activities of copper (II) complexes incorporating bis(2-picoly)amine with different counter anions. *Journal of Molecular Structure*, 998, (1-3), 1-10.
19. Ibrahim, M.M., Mersal, G.A.M., **El-Shazly, S.A.** & Ramadan, A.M.M. (2012) Synthesis, Characterization, and Electrochemical Properties of Bis(2-benzimidazolylmethyl-6-sulfonate)amine-based zinc(II), copper(II), and oxidovanadium(IV) Complexes: SOD Scavenging,



- DNA binding, and Anticancer Activities. *International Journal of Electrochemical Science*, 7, (8), 7526.
20. Aly, M.R., Ibrahim, E.S., El-Shahed, F.A., Soliman, H.A., Ibrahim, Z.S., **El-Shazly SA. (2012)** Synthesis of some quinoliny chalcone analogues and investigation of their anticancer and synergistic anticancer effect with doxorubicin. *Russian Journal of Bioorganic Chemistry*, 38, (4), 489-495.
  21. Soliman, M.M., Attia, H.F., **El-Shazly, S.A.**, & Saleh O.M. **(2012)** Biomedical Effects of Cinnamon Extract on Obesity and Diabetes Relevance in Wistar Rats. *American Journal of Biochemistry and Molecular Biology*, 2, (3), 133-145.
  22. **El-Shazly, S.A.**, Mahfouz M.E., Otaibi S.A., & Mohamed, M.A. **(2012)** Genetic Polymorphism in Beta-lactoglobulin Gene of Some Sheep Breeds in KSA and its Influence on Milk Composition. *African journal of biotechnology*, 11, (19), 4330-4337.
  23. **El-Shazly, S.A.**, Mohamed, M.A., Hassan, H.E. & Ibrahim, Z.S. **(2012)** Protective Effect of L-carnitine Against  $\gamma$ -Rays Irradiation-induced Tissue Damage in Mice. *American Journal of Biochemistry and Molecular*, 2, (3), 120-132.
  24. Soliman M.M., Mohamed, M.A. & **El-Shazly, S.A. (2013)** Cinnamon Extract Regulates Gene Expression Of Lipid And Carbohydrate Etabolism In Streptozotocin Induced Diabetic Wistar Rats. *American Journal Of Biochemistry And Biotechnology*, 9, (2), 172-182, 2013.
  25. Alkafafy, M., Montaser, M., **El-Shazly, S.A.**, Bazid, S. & Ahmed, M.M. **(2013)** Ethanollic extract of sharah, *Plectranthus aegyptiacus*, enhances healing of skin wound in rats. *Acta Histochemica*, 29, S0065-1281(13), 231-236.
  26. Mohamed, M.A., **El-Shazly, S.A.**, Sayed, S.M. & Amer, S.A.M. **(2013)** Molecular study of energy related mitochondrial genes in arabian and bactrian camels. *American Journal of Biochemistry and Biotechnology*, 9, (1), 61-70.
  27. Ibrahim, M.M., Mersal, G.A. M., Al-Juaid, S. & **El-Shazly, S.A. (2014)** Syntheses, characterization, and SOD activity studies of barbital-based nickel(II) complexes with different chelating amines: The X-ray crystal structures of Barb-H and [Ni(Barb)<sub>2</sub>(en)<sub>2</sub>] (Barb = 5,5-diethylbarbiturate). *Journal of Molecular Structure*, 1056, 166-175.
  28. Soliman, M.M., Mohamed, M.A., **El-Shazly, S.A.**, Ismail, T.A., Attia, H.F. & Elkirdasy, A.F. **(2014)** Effect of vitamin A and E on carbohydrate and lipid metabolism in diet-induced obese wistar rats. *Advances in Bioscience and Biotechnology*, 5, (1), 4-11.
  29. Kahilo, K.h., **El-Shazly, S.A.**, El-Khadrawy, A. and Fattouh, I. **(2014)** Genetic Polymorphism in  $\beta$ -lactoglobulin Gene of Some Goat Breeds in Egypt and its Influence on Milk Yield. *Life Science Journal*, 11,(10), 323-238.
  30. Ibrahim, Z.Sh., Ahmed M.M., **El-Shazly, S.A.**, Ishizuka., M. & Fujita S. **(2015)** Clofibrilic acid induces hepatic CYP 2B1/2 via constitutive androstane receptor not via peroxisome proliferator receptor alpha in rat. *Bioscience Biotechnology And Biochemistry*, 79, (6), 1550-1559
  31. **El-Shazly, S.A.**, Ahmed, M.M., Ibrahim., Z.S. & Refat, M.S. **(2015)** Synthesis, characterization, and efficacy evaluation of a new anti-diabetic vanadyl (II) thiamine hydrochloride complex in streptozotocin-induced diabetic rats. *International journal of immunopathology and pharmacology*, 28, (2), 227-239.
  32. Alkafafy M.E., Shaban I.Z., Ahmed, M.M. & **El-Shazly, S.A. (2015)** Impact of aspartame and saccharin on the rat liver: Biochemical, molecular, and histological approach. *International Journal of Immunopathology and Pharmacology*, 28, (2), 247-55.
  33. Ahmed, M.M., **El-Shazly, S.A.**, El-Shehawi, A.M. & Alkafafy, M.E. **(2015)** Anti-obesity effects of taif and Egyptian pomegranates: Molecular study. *Bioscience, biotechnology, and biochemistry*, 79, (4), 598-609.
  34. **El-Shazly, S.A.**, Ahmed M.M., Amer, S.A., Al-Harbi, M.S. & Shoghy, Kh.M. **(2016)** Partial Cloning of c-Met cDNA and Its Tissue Distribution in Arabian Camel (*Camelus dromedaries*). *Journal of camel practice and research*, 23, (1), 25-32.

35. Alkafafy M.E., **El-Shazly, S.A.**, Mohamed M.A., Shoghy, Kh.M. & Rashed R.F. (2016) S100 Expression in the Testis of Dromedary Camel during Breeding and Non-breeding Seasons: Molecular and Immunohistochemical Studies. *Journal of camel practice and research*, 23, (2), 251-260.
36. Amer S.A.M., **El-Shazly, S.A.** & Mohamed M.A. (2016) Newly Designed Primers for Amplifying and Sequencing 16S Ribosomal Mitochondrial DNA Gene for Vertebrates. *Romanian Biotechnological Letters*, 21, (3), 11497- 11504.
37. Ibrahim, Z.Sh., **El-Shazly, S.A.**, Mohamed M.A. & Soliman, M.M. (2016) Effects of Pomegranate on Drug Metabolizing Cytochrome P450 Enzymes Expressions in Rats. *Global Veterinaria*, 16, (5), 481-490.
38. Ibrahim, Z.Sh., Mohamed M.A., **El-Shazly, S.A.**, Alkafafy M.E. (2016) Effects of Camel Milk on Drug Metabolizing Cytochrome P450 Enzymes Expressions In Rats. *Journal Of Camel Practice And Research*, 23, (1), 1-8.
39. Ibrahim, M.M., Ramadan, Abd E.M., Shaban Y.Sh., Mersal, G.A.M., **El-Shazly, S.A.**, Juaid S. (2017) Syntheses, Characterization and Antioxidant Activity Studies of Mixed-Ligand Copper(II) Complexes of 2,2'-Bipyridine and Glycine: The X-ray crystal Structures of [Cu(BPy)(Gly)]ClO<sub>4</sub> and Cu(BPy)Gly(H<sub>2</sub>O)]NO<sub>3</sub>. *Journal of Molecular Structure*, 1134, 319-329.
40. **El-Shazly, S.A.,** Mohamed M.A. & Amer, S. A.M. (2017) Genetic polymorphism in some milk protein genes and its impact on milk composition in goat breeds reared in taif region. *Romanian Biotechnology Letter* 22 (5), 12860-12867.
41. El-Sawy, H.B.I., Soliman, M.M. & **El-Shazly, S.A.** (2018) Protective effects of camel milk and Vitamin E against monosodium glutamate induced biochemical and testicular dysfunctions. *Progress in Nutrition* 20 (1), 76-85.
42. Mohamed Mohamed Soliman, Mohamed Mohamed Ahmed, Hanan Basiouni ElSawy, Zein Shaban Ibrahim and **Samir Ahmed El-Shazly** (2018) Effect of gingerol and L-carnitine on the expression of genes related to lipids and carbohydrates metabolism in Wistar rats. Experimental and Therapeutic Medicine. *Bioscience Research* 15 (4), 4381-4389.
43. Mohamed, M.A., **El-Shazly, S.A.**, Alkafafy, M., Mohamed, A. & Mousa A.A. (2018) therapeutic potential of royal jelly for the treatment of cadmium-induced infertility in male rats. *Andrologia* 50 (5), e12996
44. **El-Shazly, S.A.**, Mohamed, M.A., Al-Harbi, M.S., Alkafafy, M.E., El-Sawy, H.B.I. & Amer, S.A. (2017) Physiological and molecular study on the anti-obesity effects of Pineapple Juice (Ananas Comosus). *Food science and biotechnology* 27 (5), 1429-1438
45. Nassan M.A., Soliman M.M., SA Ismail, **El-Shazly S.** (2018). Effect of Taraxacum officinale extract on PI3K/Akt pathway in DMBA-induced breast cancer in albino rats. *Bioscience reports* 38 (6), BSR20180334
46. Mohamed M Ibrahim, Abd El-Motaleb M Ramadan, Shaban Y Shaban, Gaber AM Mersal, **Samir A El-Shazly**, Salih Al-Juaid. (2018). Syntheses, characterization and antioxidant activity studies of mixed-ligand copper(II) complexes of 2,2'-bipyridine and glycine: The X-ray crystal structure of [Cu(BPy)(Gly)]ClO<sub>4</sub>. *Journal of Molecular Structure* 1134, 319-329
47. Sayed, S.; Ahmed, M.; El-Shehawi, A.; Alkafafy, M.; Al-Otaibi, S.; El-Sawy, H.; Farouk, S.; **El-Shazly, S.** (2020). Ginger Water Reduces Body Weight Gain and Improves Energy Expenditure in Rats. *Foods* 2020, 9, 38.
48. Hatim Al-Yasi, Hounaida Attia, Khalid Alamer, Fahmy Hassan, Esmat Ali, **Samir Elshazly**, Kadambot H.M. Siddique, Kamel Hessini, (2020). Impact of drought on growth, photosynthesis, osmotic adjustment, and cell wall elasticity in Damask rose, *Plant Physiology and Biochemistry*, Volume 150, 2020, Pages 133-139,
49. Adel Qlayel Alkhedaide, Adil Mergani, Mohamed Mohamed Soliman, Tamer Ahmed Ismail, **Samir Ahmed Elshazly**, Ayman Sabry (2020). Association of VNTR 27-bp polymorphism in intron 4 of the eNOS3 gene and predisposition to Ischemic Heart Disease among Taif population in Saudi Arabia. *Network Biology Volume 10 Issue 4 Pages 84-91*

50. Alaa Baazeem & Mona Elseehy Samy Sayed, Ahmed El-Shehawi, Saad Al-Otaibi, **Samir El-Shazly**, Saqer Al-Otaibi, Reda Ibrahim, Mohammed Alorabi (2020) Isolation and efficacy of the endophytic fungus, *Beauveria bassiana* (Bals.) Vuillemin on grapevine aphid, *Aphis illinoisensis* Shimer (Hemiptera: Aphididae) under laboratory. *Egyptian Journal of Biological Pest Control Volume 30 Issue 38 Pages 7*
51. MM Soliman, **SA Elshazly**, A Aldhahrani (2020). Gamma irradiation-induced testicular oxidative stress and apoptosis: Mitigation by l-carnitine. *Journal of Biochemical and Molecular Toxicology, 2020 Issue e22565 .Pages 1-10*
52. Hatim Al-Yasia , Hounaida Attiaa , Khalid Alamera, , Fahmy Hassana , Esmat Alia , **Samir Elshazly**, Kadambot H.M. Siddiqued , Kamel Hessinia (2020). Induced anti-oxidation efficiency and others by salt stress in *Rosa damascena* *Miller Journal Scientia Horticulturae Volume 2020 Issue 274 Pages 109681*
53. Saqer S. Alotaibi and Mona M. Elseehy Ahmed M. El-Shehawi, **Samir El-Shazly**, Mohamed Ahmed, Mohamed Alkafafy, Samy Sayed, Samy Farouk (2020). Transcriptome Analysis of Testis from HFD-Induced Obese Rats (*Rattus norvegicus*) Indicated Predisposition for Male Infertility. *International Journal of Molecular Sciences Volume 21 Issue 18 Pages 1-23*
54. Samy Sayed, Saad Al-Otaibi, Ahmed El-Shehawi, Sayed-Ashraf Elarnaouty, **Samir El-Shazly**, Ahmed Gaber, Reda Ibrahim (2021). Field Evaluation of Native Fungus, *Beauveria bassiana* (Bals.) Vuillemin against some Piercing-Sucking Insects on the Grapevine. *Pakistan Journal of Biological Sciences: PJBS. 2021 Jan; 24(1):158-164.*
55. Abouzed, T.K.; Althobaiti, F.; Abdelkhlek, N.A.; Eldomany, E.B.; Nasr, N.E.; Sadek, K.M.; **El-Shazly, S.A.**; Kahilo, K.A.; Dorghamm, D.A. (2021). Antitumor and Antioxidant Activity of S-Methyl Methionine Sulfonium Chloride against Liver Cancer Induced in Wistar Albino Rats by Diethyl Nitrosamine and Carbon Tetrachloride. *Int. J. Environ. Res. Public Health* 2021, 18, 9726. <https://doi.org/10.3390>
56. M.M. Elseehy Samy Sayed, A.M. El-Shehawi, S.A. Elarnaouty, S.A. Al-Otaibi, **S.A. El-Shazly**, S.S. Alotaibi, R. Ibrahim, M.M. Ahmed (2021), Molecular characterization of endophytic fungal communities associated with *Vitis vinifera* L. at Taif region of Saudi Arabia. *Journal of Environmental Biology* 42 (2), 177-185
57. F Hassan, H Al-Yasi, E Ali, K Alamer, K Hessini, H Attia, **S El-Shazly** (2021), Mitigation of salt-stress effects by moringa leaf extract or salicylic acid through motivating antioxidant machinery in damask rose. *Canadian Journal of Plant Science* 101 (2), 157-165
58. Hatim Matuq Al- Yasi, **Samir A El-Shazly**, Esmat F Ahmed, Khalid Hasan Alamer, Kamal Y Hessini, Hounaida A Attia, Mohamed E Alkafafy, Alaa A Mohamed, Fahmy A Hassan (2021). Protective Effects of Taif Rosewater Against Testicular Impairment Induced By Lead Intoxication In Rats. *Andrologia* 53 (6), e14045
59. Mohamed E Alkafafy, Samy M Sayed, Ahmed M El- Shehawi, **Samir El- Shazly**, Samy Farouk, Saqer S Alotaibi, Doaa A Madkour, Sahar H Orabi, Hamed T Elbaz, Mohamed M Ahmed (2021), Moringa oleifera ethanolic extract ameliorates the testicular dysfunction resulted from HFD-induced obesity rat model. *Andrologia* 53 (8), e14126
60. Ahmed M El-Shehawi, Mohamed Alkafafy, **Samir El-Shazly**, Samy Sayed, Samy Farouk, Saqer Alotaibi, Doaa A Madkour, Hanem K Khalifa, Mohamed M Ahmed (2021). Moringa oleifera leaves ethanolic extract ameliorates high fat diet-induced obesity in rats. *Journal of King Saud University-Science* 33 (6), 101552
61. Saqer S. Alotaibi and **Samir A. El-Shazly** Mohamed E. Alkafafy, Mohamed M. Ahmed, Samy M. Sayed, Ahmed M. El-Shehawi, Samy Farouk (2021). Ameliorating Effect of Pineapple Juice on the Obesity-Induced Testicular Impairment in Male Wistar Rat. *Pakistan Journal of Biological Sciences* 24 (11), 1130-1137
62. 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* 10 (6), 1092-1103

63. MM Soliman, A Aldhahrani, **SA Elshazly**, M Shukry, TK Abouzed **(2022)** Borate ameliorates sodium nitrite-induced oxidative stress through regulation of oxidant/antioxidant status: Involvement of the Nrf2/HO-1 and NF- $\kappa$ B pathways *Biological Trace Element Research* 200 (1), 197-205
64. Ahmed M El-Shehawi, Saqer S Alotaibi, Adil Aldhahrani, Hanan El-Sawy, **Samir A El-Shazly**, Sarah M Albogami, Mona M Elseehy **(2022)**. Kidney transcriptome analysis of rats (*Rattus norvegicus*) revealed induction of renal injury and damage markers in response to melamine. *Journal of King Saud University-Science* 34 (1), 101727
65. 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 Abdallah 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* 11 (1), 22-29



## 8- Google Scholar

<https://www.google.com/search?q=PROF+DR+SAMIR+ELSHAZLY&rlz=1C1YTHU arEG1012EG1012&oq=prof+dr&aqs=chrome.1.0i512j69i59joi512l2j46i512joi512j69i61l2.15515j1j7&sourceid=chrome&ie=UTF-8>



**Prof. Dr. Samir El-Shazly** ✎

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First interest Biochemistry Second interest Molecular biology and Biote...



AD

Scientific Index

Rankings for Scientist

University, Subject, Country, Region, World

World Scientist and University Rankings 2023

Kafr El Sheikh University

Samir El Shazly

In Kafr El Sheikh University (625)

In Egypt (14532)

In Africa (73045)

World (1349782)

	Scores	Rankings			
Total H	20	#50	#1520	#6065	#409941
Last 6 year H	15	#61	#1796	#6994	#432077
Last 6 year H / total H	0.750				
Total i10	27	#54	#1931	#7492	#438361
Last 6 years i10	21	#61	#1736	#6879	#407854
Last 6 years i10 / Total i10	0.778				
Total Citation	979	#67	#2511	#9850	#593298
Last 6 years Citation	574	#73	#2567	#10215	#585362
Last 6 years Citation / Total Citation	0.586				
Medical and Health Sciences *		#15 (136) *	#489 (4195) *	#1839 (11617) *	#53242 (131523) *
Veterinary Sciences *		#6 (39) *	#38 (335) *	#130 (886) *	#1787 (5629) *

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Date : 22.05.2023 \* Source and Methodology: <https://www.adscientificindex.com/scientist.php?id=90114>

## 9- Career Developing and Training Workshops

	Title	Place	Date	Duration
1	A training course to train the trainer (TOT)	The International Center for Capacity Development of Faculty Members and Leaders, Tanta University	11/12/2005	One day
2	Thinking skills	Faculty of Veterinary Medicine, Kafrelsheikh - Tanta University.	From 14/5/2005 To 17/5/2005	4 days
3	Effective communication skills	Faculty of Veterinary Medicine, Kafrelsheikh - Tanta University.	From 7/20/2005 To 25/7/2005	6 days
4	Curriculum design.	International Center for Developing the Capacity of Faculty Members and Leaders, Tanta University	From 6/8/2005 To 9/8/2005	4 days
5	Scientific Research	International Center for Capacity Development of Faculty Members and Leaders Tanta University	from 13/8/2005 To 16/8/2005	4 days
6	The use of technology in teaching	Faculty of Veterinary Medicine, Kafrelsheikh, Tanta University.	From 6/3/2006 To 9/3/2006	4 days
7	Professional ethics	Faculty of Veterinary Medicine, Kafrelsheikh, Tanta University.	From 3/14/2006 To 16/3/2006	3 days
8	A scientific research preparation and international publication	Faculty of Veterinary Medicine, Kafrelsheikh, Tanta University.	From 7/15/2006 To 17/7/2006	3 days
9	Preparation of a research project	Development Center, Kafrelsheikh University.	From 11/13/2006 To 11/15/2006	3 days
10	Information systems and technology course in Photoshop,	Management unit for training projects in information systems and technology, Kafrelsheikh University,	From 7/30/2014 To 6/7 2014	7 days
11	Strategic Planning	The International Center for Developing the Capacity of Members and Leaders at Kafrelsheikh University	From 6/25/2014 To 26/6/2014	two days
12	The credit hour system	The International Center for Developing the	From 8/7/2014 To 10/7/2014	3 days

		Capabilities of Teaching Staff and Leaders at Tanta University		
<b>13</b>	Competitive Research Projects	International Center for Developing the Capacity of Faculty Members and Leaders, Kafrelsheikh University	From 7/20/2014 To 7/21/2014	two days
<b>14</b>	Time and meeting management	The International Center for Developing the Capacity of Faculty Members and Leaders, Kafrelsheikh University,	From 3/8/2014 To 4/8/2014	two days
<b>15</b>	University Administration	The International Center for Developing the Capabilities of Faculty Members and Leaders, Kafrelsheikh University,	From 10/8/2014 To 11/8/2014	two days
<b>16</b>	Unified training program for nomination to fill the position of dean of a college or institute	The International Center for Human Resources Management and Continuing Education, Kafrelsheikh University,	From 8/27/2022 To 8/29/2022	3 days

## 10- Scientific and social meetings

	<b>Title</b>	<b>Place</b>	<b>Date</b>	<b>Duration</b>
<b>1</b>	Participation in the symposium entitled Environmental pollution of foods of animal origin,	Faculty of Veterinary Medicine, Kafrelsheikh University	11/22/2008	One day
<b>2</b>	Participation in the symposium entitled Avian influenza and how to prevent it	Faculty of Veterinary Medicine, Kafrelsheikh University	2/15/2006	<b>One day</b>
<b>3</b>	Research capacity development course	King Abdulaziz City for Science, Saudi Arabia,	11/21/2012	One day
<b>4</b>	Learning outcomes from programs and courses	College of Science, Taif University, Kingdom of Saudi Arabia	1/13/2013	One day
<b>5</b>	Global Trends in Higher Education, Course Lessons Learned	College of Pharmacy - Taif University - Kingdom of Saudi Arabia	2/18/2014	One day
<b>6</b>	Fundamental course for using the e-learning platform (Blackboard)	Taif University, Saudi Arabia	From 11/29/2017 To 30/11/2017	two days

7	An advanced course in the use of the e-learning platform (Blackboard)	Taif University, Saudi Arabia	12/5/2017	One day
8	A training workshop for using the e-learning platform (Thingy)	Faculty of Veterinary Medicine, Kafrelsheikh University	9/11/2022	One day
9	A symposium on the presidential initiative, a decent life	Faculty of Veterinary Medicine, Kafrelsheikh University	11/10/2022	meeting
10	Attending a symposium on foot and mouth disease	Faculty of Veterinary Medicine, Kafrelsheikh University	10/30/2022	a symposium
11	Attending a symposium and the effectiveness of No to Drugs	Faculty of Veterinary Medicine, Kafrelsheikh University	3/28/2022	<b>a symposium</b>
12	Attending a scientific symposium on innovations to create new nutritional values from fodder	Faculty of Veterinary Medicine, Kafrelsheikh University	3/14/2023	<b>a symposium</b>

## 11- Conferences

- 1- Attending the first conference of the Faculty of Veterinary Medicine, Kafr El-Sheikh University, 2003.
- 2- Attending and preparing the second conference of the Faculty of Veterinary Medicine, Kafr El-Sheikh University, 2006.
- 3- Attending and participating in the second conference of the Egyptian Society of Experimental Biology 2006.
- 4- Attending and participating in the eighth conference of the National Committee for Biochemistry and Molecular Biology, March 4-6, 2008.
- 5- Participation in the twenty-sixth annual conference of the Saudi Society for Biological Sciences, Taif University, Saudi Arabia, May 2011.
- 6- Participation in the First International Conference on Materials Science and its Applications, February 2012 AD, Taif University, Saudi Arabia.
- 7- Participation in the twenty-seventh annual meeting of the Saudi Society for Biological Sciences, Jazan University, Saudi Arabia, March 2012.
- 8- Participation in the twenty-eighth annual meeting of the Saudi Society for Biological Sciences, University of Hail, March 2013.
- 9- Participation in the twenty-ninth annual conference of the Saudi Society for Biological Sciences, University of Dammam, Saudi Arabia, February 2014.
- 10- Participation in the thirtieth annual conference of the Saudi Society for Biological Sciences, University of Hail, February 2015.
- 11- Attending the sixth conference of the Faculty of Veterinary Medicine, Kafr El-Sheikh University, 2021
- 12- Attending the conference of Kafrelsheikh University, One World One Health 2022

## 12- Supervising scientific theses

	Name	Date	Title
1	Nesma Hussein Ahmed El-Sawy	2021	The ameliorative effects of plant extracts against oxidative stress caused by the addition of sodium nitrite in the diet of male rats
2	Ahmed Mohamed El Sayed Shaybah	2021	Biochemical and molecular studies on the role of some plant extracts in mitigating the harmful effects of acrylamide administration to male rats

## 13- Judgment and discussion of theses (Masters)

	Name	Date	University	Title
1	Hussam Saleh Al-Harith	2018	Princess Nayef Arab University for Security Sciences - College of Forensic Sciences - Saudi Arabia	Identification of human bone remains by means of STRS in DNA and SNPs in mitochondria
2	Abdulaziz bin Saleh Asiri	2019	Prince Nayef Arab University for Security Sciences - College of Forensic Sciences - Saudi Arabia	Forensic application of haplotype groups in the mitochondrial genome of a group of Saudi obese patients
3	Aziza Fathy El-Sayed	2021	Faculty of Veterinary Medicine - Kafr El-Sheikh University - Egypt	Immunohistochemical and molecular studies on some proteins and genes associated with increased meat and milk production in Egyptian buffaloes
4	Enas Maher, Nass Mohamed	2020	Faculty of Veterinary Medicine - Sadat City University - Egypt	Biochemical and molecular effects of maize heat extract on rats poisoned with acetaminophen
5	Mai Mohamed Abdel Maksoud Eissa	2021	Faculty of Science - Menoufia University - Egypt	Biochemical and molecular studies on the effect of Chlorella vulgaris extract on the metabolic pathways of



				poisoned rats
6	Rania El-Sayed El-Labban	2021	Faculty of Science - Menoufia University - Egypt	Biochemical and molecular study of microRNA 15b and 387a in septicemia neonates
7	Doaa Essam Damham Abdel Qader	2023	Faculty of Science - Beni Suef University - Egypt	The role of cytokines in the development of kidney disease in diabetic and non-diabetic patients
8	Ahmed Mohamed Naguib Ahmed Kabouh	2023	Faculty of Science - Menoufia University - Egypt	A biochemical and molecular study of gene expression, polymorphisms of the sarcidian gene, and the risk of breast cancer in Egyptologists
9	Dr. Mayada Mahmoud El- Sayed El-Naqr	2023	Faculty of Veterinary Medicine - Mansoura University	A prospective study on the effect of vitamin D on cancer in rats
10	Hoda Gamal Ali Abdelhadi Youssef	2024	Department of Chemistry Faculty of Science, Mansoura University	Therapeutic potential of mesenchymal stem cells against thioacetamide induced hepatotoxicity in experimental rats.
11	Fatema Mohamed Mohamed Al-Naqeeb	2024	Faculty of Science - Menoufia University - Egypt	Biochemical and Molecular Studies on the Effect of 11-(4- Aminobenzylphenylamino) Neocryptolepine on Breast and Lung Carcinoma

#### 14- Judgment and discussion of scientific theses (PhD)

	Name	Date		Title
1	Omnia Ibrahim El-Shabrawy	2022	Faculty of Veterinary Medicine - Sadat City University	The enhanced role of spirulina algae and <i>Moringa oleifera</i> leaf extract in broiler performance
2	Mohamed Ibrahim	2023	Faculty of Veterinary Medicine - Mansoura University	Camel Milk and Infectious Ulcers

## 15- Member of the Qualifying Examination Committee

	Name	Date	University	Title
1	Ibrahim Abdel Aziz Ibrahim	2022	Faculty of Veterinary Medicine - Kafrelsheikh University Department of Health Control	Attempts to improve the shelf life of meat using prebiotics and food additives on Meat

## 16- Arbitration of scientific research and research projects for local and international journals

### A- Inside Egypt

- 1- Arbitration of projects for applicants to obtain post-doctoral scholarships from the General Administration of Scholarships
- 2- Referee for the Journal of the Faculty of Veterinary Medicine, Kafr El-Sheikh University
- 3- Referee for the Journal of the Faculty of Veterinary Medicine, Sadat City University

### B- Outside Egypt

1. Arbitration for a research project from Princess Noura University in the Kingdom of Saudi Arabia
2. Arbitration research for Andrologia magazine of Willy Publishing House
3. Arbitration research for the Experimental and Therapeutic Medicine Journal of Spandidos Publications
4. Arbitration of research for the magazine - Molecular Medicine Report of the publishing house Spandidos Publications
5. Reviewing research for the Saudi Journal for Biological Sciences of the Elsevier Publishing House.
6. Arbitration of research for Plos One magazine of the Public Library of Science publishing house
7. Arbitration of research for the Journal of Investigational Biochemistry of the publishing house Medip Academy

## 17- Reviewing Academic Promotions

1. **Outside Egypt:** an arbitrator for the promotion of faculty members at the University of Tabuk - Saudi Arabia, specializing in biochemistry
2. **Inside Egypt:** an arbitrator in Committee No. 47 for the promotion of professors and assistant professors, specializing in biochemistry

## 18- Association membership

- 1- The General Syndicate of Veterinarians
- 2- The Egyptian Society of Experimental Biology
- 3- The Egyptian Society of Biochemistry and Molecular Biology

- 4- Saudi Society for Biological Sciences.
- 5- Member of the Faculty Members Club at Kafrelsheikh University
- 6- Member of Kafr El-Sheikh Sports Club

## 19- Participate in Teaching the Following Courses

- A- Participation in teaching various courses of biochemistry for undergraduate students, for students of the general and distinguished programs in biochemistry (a), (b) and (c).
- B- Participation in teaching various courses of biochemistry for diploma students
  - 1. Clinical Biochemistry
  - 2. Fundamentals of biochemistry
  - 3. Microbial biochemistry
  - 4. Nucleic acid chemistry and molecular biology
- C- Participation in teaching various courses of biochemistry for master's students
  - 1. Basic Biochemistry
  - 2. Biochemistry of fish
  - 3. Clinical Biochemistry
- D- Nutritional biochemistry
- E- Participation in teaching other different courses
  - 1. Introduction to biotechnology
  - 2. genetic engineering
  - 3. Molecular biology
  - 4. Gene therapy
- F- Participation in summer training activities for college students

## 20- Scientific awards

- 1- Best Research Award, Taif University, Saudi Arabia, 2012
- 2- International Publication Award, Taif University, Saudi Arabia, 2013
- 3- International Publication Award, Taif University, Saudi Arabia, 2014
- 4- International Publication Award, Kafr El-Sheikh University - Egypt 2021
- 5- International Publication Award, Kafr El-Sheikh University - Egypt 2022

## 21- Research projects

- 1. **Principle investigator:** Genetic polymorphism of  $\beta$ -lactoglobulin ( $\beta$ -lg) in sheep reared in taif and Makka region and their effect on milk yield quantity and quality, Taif University (1430).
- 2. **Co-investigator:-** Biological effects of environmental pollution in marine coastal ecosystem: A biomarker monitoring approach, Taif University (1430).
- 3. **Co-investigator:-** The preparation of a new drug for patients with diabetes, substitution insulin and vitamin combines in a single drug: spectral studies and synthetic, thermal and bioavailability, Taif University (1430).
- 4. **Principle investigator:** Protective effects of L-carnitine against harmful effects of gamma rays irradiation.

5. **Co-investigator:** Synthesis of Some Quinoliny Chalcone Analogues and Investigation of Their Anticancer and Synergistic Anticancer Effect with Doxorubicin
6. **Principle investigator:** Genetic Polymorphism in Some Milk Protein Genes and Its Impact on Milk Composition goat Breeds Reared in Taif Region) No. 1/434/2553
7. **Co-investigator:** Anti-Obesity Effects of Taif and Egyptian Pomegranates: Molecular Study No. 2574/1434/1.
8. **Co-investigator:** Newly Designed Primers for Amplifying and Sequencing 16S Ribosomal Mitochondrial DNA Gene for Vertebrates 1435
9. **Principle investigator:** Cloning of Some Growth Factor Genes and Study Their Tissue Distribution in Arabian (Single-Hump) Camels No. 1-435-3280
10. **Co-investigator:** S100 Expression In The Testis Of Dromedary Camel During Breeding and Non-Breeding Seasons: Molecular and Immuno-histochemical Studies. No. 436/4441
11. **Principle investigator:** Molecular and physiological studies on anti-obesity effects of pineapple juice, Taif University project no. 4742-437-1.
12. **Co-investigator:** Royal jelly as a possible treatment to the lack of fertility induced with cadmium in rat, Taif University project no. 4740-437-1
13. **Consultant** for the project about Taif Rose supported by Taif University 2019

## 22- Personal skills

Educational program platforms	Computer programs		Languages	
Blackboard Thinqi	Very Good Very Good Very Good	SPSS Word PowerPoint	Mother language Very Good Fair	Arabic English Japanese