

## Curriculum Vitae



### **Prof. Dr. Sabry Mohamed Bahy El-Bahr** (PhD. Vienna Uni; MVSc. (TU); BVSc. (Alex. Uni))

#### Personal Data

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<b>Name</b>	Sabry Mohamed Bahy El-Bahr
<b>Academic Title</b>	Professor
<b>Nationality</b>	Egyptian
<b>Religion</b>	Islam
<b>Date of Birth</b>	October, 26th 1970
<b><i>h</i>-index</b>	Google scholar = 23: (75 papers; total citations 1095; highest citations 364). Scopus = 12: (49 papers; Total citation 628; highest citation 239). Researchgate = 14: (64 papers; total citation 825). Thomson Reuter 8: (35 paper).
<b>Live DNA</b>	20.3674
<b>Research ID</b>	D-6380-2015 URL: <a href="http://www.researcherid.com/rid/D-6380-2015">http://www.researcherid.com/rid/D-6380-2015</a>
<b>RG Score</b>	26.96; Impact points: 40.07
<b>Scopus ID</b>	21933517700
<b>Linkedin</b>	<a href="https://eg.linkedin.com/in/sabry-el-bahr-3828a57a">https://eg.linkedin.com/in/sabry-el-bahr-3828a57a</a>
<b>Mendeley</b>	<a href="https://www.mendeley.com/profiles/sabry-elbahr/">https://www.mendeley.com/profiles/sabry-elbahr/</a>
<b>Googlescholar</b>	<a href="http://scholar.google.com/citations?user=zKda8kgAAAAJ&amp;hl=en&amp;cstart=0&amp;pagesize=20">http://scholar.google.com/citations?user=zKda8kgAAAAJ&amp;hl=en&amp;cstart=0&amp;pagesize=20</a>
<b>ORCID</b>	0000-0002-3628-2826
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<b>Home address</b>	Al-Hufof, Al-Khaledia, Al-Ahsa, Saudi Arabia
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## **Current Position**

- Professor of Biochemistry, Department of Biochemistry, Faculty of Veterinary Medicine, Alexandria University, Egypt.
- Associate Professor of Biochemistry, Department of Physiology, Biochemistry and Pharmacology, College of Veterinary Medicine, King Faisal University, Saudi Arabia.

## **Academic Qualifications**

- Ph.D. (Philosophy Doctor Degree of Veterinary Science; Biochemistry) 2004, Institute of Biochemistry, University of Veterinary Medicine Vienna, Austria. The title of the thesis was "Metabolism and excretion of catecholamine in domestic livestock"
- M.V.Sc. (Master's degree of Veterinary Science; Biochemistry) 2001, Practical work of the thesis was performed in Vienna University of Veterinary Medicine, Austria and the final discussion was done in Department of Biochemistry, Faculty of Veterinary Medicine, Tanta University, Egypt. The title of the thesis was "Biochemical interaction between the metabolism of glucocorticoids and gonadal steroids in the blood of ruminants"
- B.V.Sc. (Bachelor Degree of Veterinary Science) 1993, Faculty of Veterinary Medicine, Alexandria University, Alexandria, Egypt. with a final grading "very good with Honor"

## **Employment**

- Professor of Biochemistry, Faculty of Veterinary Medicine, Alexandria University, Alexandria, Egypt, 22 July 2014 till Present.
- Assistant Professor of Biochemistry, Faculty of Veterinary Medicine, Alexandria University, Alexandria, Egypt from the 30 June 2009 till June 2014.
- Assistant Professor of Biochemistry, College of Veterinary Medicine, King Faisal University, Saudi Arabia from September 2007 till present.
- Lecturer of Biochemistry, Faculty of Veterinary Medicine, Alexandria University, Alexandria, Egypt from May 2005 till June 2009.
- Lecturer of Biochemistry, Faculty of Veterinary Medicine, Mansoura University, Mansoura, Egypt from May 2004 to May 2005.
- Demonstrator of Biochemistry, Faculty of Veterinary Medicine, Mansoura University, Mansoura, Egypt from 1995 to 2004.

## **Scientific interest**

1. Advanced diagnostic tools for MERS Cov
2. Glycobiology

3. Diagnostic and prognostic biomarkers of Animal diseases
4. Cancer biology
5. Proteomics and Biotechnology
6. Clinical and molecular Biochemistry
7. Chemistry of oxidative stress Biomarkers and gene expression of antioxidant enzymes
8. Semen Biochemistry
9. Biochemical significance of Medicinal Plants
10. Biochemical pharmacology
11. Xenobiotics and Detoxifications

## **Research Activities**

### **\*Published Papers**

1. Thnaian Althnaian, Ibrahim Albokhadaim, **SM. El-Bahr** (2018): Hepatic Gene expression, antioxidant enzymes and anti-diabetic effect of *Nigella sativa* in diabetic rats. *International Journal of Pharmacology*. Accepted.
2. Al-Ngada RS, Abdelwahab AM, **El-Bahr SM** (2017) Effect of Dietary supplementation of Green Tea (*Camellia Sinensis*) on Growth, Body Composition and Serum Biochemistry of the Asian Seabass, *Lates calcarifer* Fingerlings. *J. Aquac. Res. Development* 8: 518. doi: 10.4172/2155-9546.1000518.
3. A. Eljarah, M. Ababneh, K. Jawasreh, Z. Bani Ismail, A. Alhalah and **S.M. El-Bahr** (2017): Estimation of Genetic Diversity of Arabian Oryx (*Oryx Leucoryx*) In Wadi Rum Area of Jordan by Microsatellite Markers. *The Journal of Animal & Plant Sciences*, 27(6):1861-1866.
4. AlSadek, Dina M.M., Haitham A. Badr, Tamer A. Al-Shafie, **Sabry M. El-Bahr**, Motawa E. El-Houseini, Leyla B. Djansugurova, Chen-Zhong Li, Hafiz Ahmed (2017). Cancer cell death induced by nanomagnetolectin. *European Journal of Cell Biology* 96 (2017) 600–611.
5. Wael M. El-Deeb, **Sabry M. El-Bahr** (2017) Biomarkers of ketosis in dairy cows at postparturient period: acute phase proteins and pro-inflammatory cytokines. *Veterinarski Arhiv* 87 (4), 431-440.
6. **Sabry M. El-Bahr**, Wael M. El-Deeb (2017) Oxidative stress and cardiac biomarkers in lambs affected with enzootic ataxia: the diagnostic and prognostic significance *Veterinarski Arhiv* 87 (3), 259-271.
7. Khaled A. Al-Busada, **Sabry M. El-Bahr**, Abdelmalik I. Khalafalla, (2017). Serum biochemical profile and molecular detection of pathogens in semen of infertile male

- dromedary camels (*Camelus dromedarius*). *Animal Reproduction Science*. 180: 58–65.
8. Abdulhakeem Eljarah, Abdulrhman K. Alhaider, Khalil Jawasreh, Zuhair Bani Ismail, Ashraf Alhalah & **Sabry M. El-Bahr** (2017): Investigation of scrotal circumference, testicular dimensions and semen characteristics of the vulnerable Arabian oryx (*Oryx leucoryx*): an approach supports the future use of artificial insemination. *Italian Journal of Animal Science*. 16(3): 484–489.
  9. **El-Bahr SM**, Mandour AA, Hashem AS (2017) Effect of Dietary Supplementation of Selected Trace Elements or Ascorbic Acid on Protein Patterns of Pre-Immunized Broiler Chickens. *Pharm. Pharmacol. Int. J.* 5(1): 00110. DOI: 10.15406/ppij.2017.05.00110.
  10. **S.M. El-Bahr**, W.M. El-Deeb and Aml S. Hashem (2017). Biochemical and Molecular Investigation of Antioxidant Enzymes in Liver Tissue of Rats Intoxicated with Carbon Tetrachloride and Treated with Aqueous Extract of Fenugreek (*Trigonella foenum-graecum* L.). *American Journal of Biochemistry and Molecular Biology*. 7(2):79-85.
  11. W.M. El-Deeb, **S.M. El-Bahr** (2017). Biochemical Markers of Ketosis in Dairy Cows at Post-paturient Period: Oxidative Stress Biomarkers and Lipid Profile. *American Journal of Biochemistry and Molecular Biology*. 7(2):86-90.
  12. **El-Bahr, SM.**, El-Deeb, WM (2016): *Trypanosoma evansi* in naturally infected Dromedary Camels: lipid profile, oxidative stress parameters, acute phase proteins and proinflammatory cytokines. *Parasitology*. 143, 518–522.
  13. **El-Bahr, SM.**, El-Deeb, WM (2016): Acute phase proteins, oxidative stress biomarkers, proinflammatory cytokines and cardiac troponin in Arabian mares affected with pyometra. *Therigenology*. 86: 1132-1136.
  14. Al-Zghoul, MB; Al-Natour, MQ; Dalab, AS; Alturki, OI; Althnaian, T; Al-ramadan, SY; Hannon, KM; **El-Bahr, SM** (2016). Thermal Manipulation Mid-term Broiler Chicken Embryogenesis: Effect on Muscle Growth Factors and Muscle Marker Genes. *Brazilian Journal of Poultry Science* 18(4): 607-618.
  15. Tamer A. Al-Shafe, Haitham A.Badr, Dina M.M. AISadek, **Sabry M. El-Bahr**, Hafiz Ahmed, Mennatallah A. Ali, Alaa Ismail, Motawa E. El-Houseini (2016): Liver-specific stem cells and hepatocellular carcinoma: an In vitro comparison between stem cells isolated from malignant and non-malignant human liver tissue. *Journal of the Medical Research Institute* 37(2):50-57.

16. B. Elmahdi, M.A. Al-Omair, A.A. El-Bessomy, **S.M. El-Bahr** (2016): Therapeutic and biochemical effects of garlic (*allium sativum*) on acrylamide toxicity in rabbits: Glycolytic pathway. *International Journal of Pharmacology*. 12(4): 429-434.
17. Thnaian Althnaian, Ibrahim Albokhadaim, **SM. El-Bahr** (2016): Effect of aflatoxin B1 on histopathology and oxidative stress biomarkers in testis of rats with special references to gene expression of antioxidant enzymes. *International Journal of Pharmacology*. 12(4): 408-414.
18. Barakat Elmahdi, M. Hassan, **Sabry Mohamed El-Bahr** (2016): Effect of prednisolone on thyroid and gonadotrophic hormones secretion in male domestic rabbits. *Thyroid Research and Practice*, 13(3):136-139.
19. Mohammad-Borhan Al-Zghoul, **Sabry M. El-Bahr**, Raida K. Al-Rukibat, Abd Elhafeed S. Dalab, Thnaian A. Althnaian1 and Saeed Y. Al-ramadan. (2015). Biochemical and molecular investigation of thermal manipulation protocols during broiler embryogenesis and subsequent thermal challenge. *BMC Veterinary Research* 11: 292-301.
20. Mohammad-Borhan Al-Zghoul, Abd Elhafeed S. Dalab, Imaad E. Yahya, Thnaian A. Althnaian, Saeed Y. Al-ramadan, Abdelhadi M. Ali, Ibrahim F. Albokhadaim, **Sabry M. El-Bahr**, Khalid Ahmed Al Busadahb, Kevin M. Hannon 2015. Thermal manipulation during broiler chicken embryogenesis: Effect on mRNA expressions of Hsp108, Hsp70, Hsp47 and Hsf-3 during subsequent post-hatch thermal challenge. *Research in Veterinary Science*. 103: 211-217.
21. **Sabry Mohamed El-Bahr**, Ahmed Abdelghany (2015). Heavy metal and trace element contents in edible muscle of three commercial fish species, and assessment of possible risks associated with their human consumption in Saudi Arabia. *J. Adv. Vet. Anim. Res.*, 2(3): 271-278.
22. **El-Bahr, S.M.**, Ghoneim, I.M., Waheed, M.M. 2015. Biochemical and hormonal analysis of follicular fluid and serum of female dromedary camels (*Camelus dromedarius*) with different sized ovarian follicle. *Animal reproduction Science*. 159: 98-103.
23. Elmahdi, B., **El-Bahr, S.M.** 2015. Influence of dietary supplementation of Fenugreek (*Trigonella foenum-graecum* L.) on serum biochemical parameters of rats fed high cholesterol diet. *International Journal of Biological Chemistry*. 9(1): 1-10.
24. Ismail, I.B., K.A. Al-Busadah, **El-Bahr, S.M.** 2015. Biochemical markers of oxidative stress in tissues of broiler chickens fed zinc bacitracin and ascorbic acid under hot climate. *International Journal of Biological Chemistry*. 9(1): 38-45.

25. Eljalii, I.M., EL-Deeb, W.M., Fouda, T.A., Almujaalli, A.M., **El-Bahr, S.M.** 2015. Blood picture and selected oxidative stress biomarkers in dromedary camels naturally infected with trypanosoma evansi. International Journal of Veterinary Sciences Research, 2015, 1(2): 46-53
26. **El-Bahr, S. M.** 2015. Effect of Curcumin on Hepatic Antioxidant Enzymes Activities and Gene Expressions in Rats Intoxicated with Aflatoxin B1. Phytother. Res. 29: 134-140.
27. **El-Bahr, S. M.**, M. A. Embaby, A. A. Al-Azraqi, A. M. Abdelghany, Y. A. Hussein, F. A. AL Hizab, T. A. Althnaian 2015. Effect of Curcumin on Aflatoxin B1-Induced Toxicity in Rats: A Biochemical and Histopathological Study. International Journal of Biochemistry Research & Review 5(1): 63-72.
28. Al-Sultan, S.I., **El-Bahr S.M.** 2015. Effect of Aqueous extract of fenugreek (*Trigonella foenum-graecum L.*) on selected biochemical and oxidative stress biomarkers in rats intoxicated with carbon tetrachloride. International Journal of Pharmacology. 11(1): 43-49.
29. **El-Bahr S.M.**, I.F. Albokhadaim, 2015. The in vitro metabolic changes of glucocorticoids added to the faeces of ruminants. International Journal of Biological Chemistry. 9(1): 30-37.
30. Al-Sultan, S.I., **El-Bahr S.M.** 2014. Effect of oral l-carnitine administration on haemato-biochemical parameters of camels (*camelus dromedarius*). Journal of Camel Practice and Research. 21(1): 51-55.
31. **El-Bahr, S.M.**, El-Sabagh, I. M. 2014. Hepatic Gene Expression of Insulin like Growth Factor and Selected Antioxidants in Diabetic Rats Treated with Turmeric or Black Cumin Seed. British Biotechnology Journal. 4(7): 778-793.
32. **El-Bahr, S.M.** Al-Azraqi, A. A. 2014. Effects of Dietary Supplementation of Turmeric (*Curcuma longa*) and Black Cumin Seed (*Nigella sativa*) in Streptozotocin Induced Diabetic Rats. International Journal of Biochemistry Research & Review. 4(6): 481-492.
33. **El-Bahr, S.M.** 2014. Camel milk regulates gene expression and activities of hepatic antioxidants enzymes in rats intoxicated with carbon tetrachloride. Asian journal of Biochemistry, 9(1): 30-40.
34. **El-Bahr, S.M.**, Taha, NM. Korshom, MA. Mandour, AA. Lebdah MA. 2014. Influence of Combined Administration of Turmeric and Black Seed on Selected Biochemical Parameters of Diabetic Rats. Alexandria Journal of Veterinary Sciences. 41:1-10.

35. WM El-Deeb, TA Fouda, **El-Bahr, S.M.** 2014. Clinico-biochemical Investigation of Paratuberculosis of Dromedary Camels in Saudi Arabia: Proinflammatory Cytokines, Acute Phase Proteins and Oxidative Stress Biomarkers. Pakistan Veterinary journal. 34(4): 484-488.
36. Saad I. Al-Sultan, **El-Bahr, S.M.** 2014. Effect of Urea on Hematological and Selected Biochemical Parameters of Growing Somali Lambs. Journal of Animal Research: 4: 65-73.
37. El-Deeb, W., **El-Bahr S.M.** 2014. Selected biochemical indicators of Equine Rhabdomyolysis in Arabian Horses: Acute Phase Proteins and trace elements. Journal of Equine Veterinary Science. 34:484-488.
38. El-Deeb, W., **El-Bahr S.M.** 2014. Acute phase proteins and oxidative stress biomarkers in water buffalo calves subjected to transportation stress. Clin. Comp. Pathol. 23: 577-582.
39. **El-Bahr, S.M.** 2013. Curcumin regulates gene expression of insulin like growth factor, B-cell CLL/lymphoma 2 and antioxidant enzymes in streptozotocin induced diabetic rats. BMC Complementary and Alternative Medicine, 13:368-379.
40. **El-Bahr, S.M.** 2013. Biochemistry of free radicals and oxidative stress. A review: Science international 1(5):111-117.
41. **El-Bahr, S.M.** EL-Deeb W.M. 2013. Acute Phase Proteins, Lipid Profile and Proinflammatory Cytokines in Healthy and Bronchopneumonic Water Buffalo Calves. American journal of Biochemistry and Biotechnology 9(1):34-40
42. Ahmed, A.S., **El-Bahr, S.M.**, Al-Azraqi, A.A. 2013. Effect of Canola and Olive Oils on Productive, Immunological and Some Biochemical Parameters of Broiler Chickens Fed Iso Caloric and High Caloric Diets. International Journal of Poultry Science 12 (12): 726-734.
43. Barakat, S.E.M., Al Hizab, F., **El-Bahr, S.M.** 2013. Clinicopathological and serobiochemical investigation of naturally occurring cutaneous papillomatosis in dromedary camels (*camelus dromedarius*). Science international 1(6):212 -216
44. Thnaian Althnaian, Ibrahim Albokhadaim and **El-Bahr, S.M.** 2013. Histological and histochemical investigation on duodenum of dromedary camels (*camelus dromedaries*). Science international 1(6):217 -221
45. Ghoneim, I.M., Waheed, M.M., **El-Bahr, S.M.**, Al-heider, A and Al-Eknah, M.M. 2013. Comparison of some biochemical and hormonal constituents of oversized follicles and preovulatory follicles in camels (*Camelus dromedarius*). Theriogenology. 79: 647-652

46. Ismail, I.B., K.A. Al-Busadah, **El-Bahr, S.M.** 2013. Oxidative stress biomarkers and biochemical profile in broilers chicken fed zinc bacitracin and ascorbic acid under hot climate. *American Journal of Biochemistry and Molecular Biology*. 3:202-214
47. Thnaian Althnaian, Ibrahim Albokhadaim and **El-Bahr, S.M.** 2013. Biochemical and histopathological study in rats intoxicated with carbontetrachloride and treated with camel milk. *Springer Plus*, 2:57-64.
48. Ismail, I.B., K. Al-Bosaadah, **El-Bahr, S.M.** 2013. Effect of dietary supplementation of canola oil on egg production, quality and biochemistry of egg yolk and plasma of laying hen. *International journal of biological chemistry* 7(1):27-23.
49. El Hassan, E.M., **El-Bahr S.M.** 2012. Antigenic and Immunogenic Components of *Haemonchus Longistipes* Identified By Western Immunoblotting. *American journal of Biochemistry and Biotechnology*. 8(3):164-170
50. Waheed, M.M., **El-Bahr, S.M.**, Al-heider, A (2012): Influence of Seminal Plasma Antioxidants and Osteopontin on Fertility of the Arabian Horse. *Journal of Equine Veterinary Science*. 33:705-709.
51. Ghoneim, I.M., Waheed, M.M., Al-Eknaah, M.M. and **El-Bahr, S.M.** 2012. Immunization against GnRH in the male camel (*Camelus dromedarius*): effects on sexual behaviour, semen characteristics and testosterone secretion. *Theriogenology*, 78, 1102-1109
52. Al-Nazawi, M.H., **El-Bahr S.M.** 2012. Hypolipidemic and hypocholestromic effect of medicinal plant combination in the diet of rats: Black cumin seed (*Nigella sativa*) and Turmeric (*Curcumin*). *Journal of animal and veterinary advances*. 11(12), 2013-2019
53. Al-Sultan, S.I., **El-Bahr S.M.** 2012. Effect of high zinc dose on haematological, lipid and protein patterns in dromedary camel. *Journal of camel Practice and research*. 19(2):207-212
54. Abdelwahab, A.M. and **El-Bahr S.M.** 2012. Influence of Black Cumin Seeds (*Nigella sativa*) and Turmeric (*Curcuma longa* Linn.) Mixture on Performance and Serum Biochemistry of Asian Sea Bass, *Lates calcarifer*. *World Journal of Fish and Marine Sciences*. 4(5), 496-503
55. Ibrahim Albokhadaim, Thnaian Althnaian and **El-Bahr, S.M.** 2012. Investigation of Selected Biochemical Parameters of Local Chickens with Different Age and Sex in Al-ahsa, Saudi Arabia. *Pakistan Journal of Biological Sciences*, 15: 827-832.



56. Waheed, M.M., M.M. Al-Ekna, **El-Bahr S.M.** 2011. Some biochemical characteristics and preservation of epididymal camel spermatozoa (*Camelus dromedarius*). *Theriogenology*, 76, 1126 -1133
57. EL-Deeb, W.M., **El-Bahr, S.M.** 2010. Investigation of selected biochemical indicators of Equine Rhabdomyolysis in Arabian horses: pro-inflammatory cytokines and oxidative stress markers. *Vet. Res. Commun.*, 34, 677-689
58. El-Deeb, Wael, M., **El-Bahr, S.M.** 2010. Improvement of glucose concentration, lipoprotein profile and antioxidant biomarkers in blood of naturally diabetic bitches administered insulin with vitamin C or Vitamin E. *Lucrări Științifice – seria Medicină Veterinară*. 53(12): 158-169
59. Albokhadaim, I.F., I. B. Ismail, **El-Bahr, S.M.** Althnaian T., 2010. The effect of manipulations of incubation temperature on embryonic and post-hatching growth of native Saudi chickens. *Pakistan Journal of Biological Science* 13(17), 852-856.
60. Gad, S.B., D.M. Zaghloul, A.E.H.A. Fayed and **El-Bahr, S.M.** 2009. Effect of increasing brain activity by vincamine on some hematological, biochemical, immunological and histological profiles of rats. *Egypt. J. Basic Appl. Physiol.*, 8: 40-50.
61. Hadir M. Maher, Rasha M. Youssef, Riad H. Khalil, **El-Bahr S.M.** 2008. Simultaneous multiresidue determination of metronidazole and spiramycine in fish muscle using high performance liquid chromatography with UV detection. *Journal of Chromatography B*, 876, 175-181.
62. Lexen, E., **EL-Bahr, S.M.**, I. Sommerfeld-stur, R. Palme and E. Möstl, 2008. Monitoring adrenocortical response to disturbances in sheep by measuring glucocorticoid metabolites in the faeces. *Wiener Tierärztliche Monatsschrift*. 95: 64-71.
63. Waheed, M.M., **El-Bahr S.M.** 2008. Effect of antioxidants on acrosine amidase activity of chilled stallion spermatozoa. *Veterinary Medical Journal-Giza (VMJG)* 56(3), 213-224
64. Aboghanema I.M., T.T. Saad, **S.M. El-Bahr**, Fayza, A.I.E. 2007. Some studies on the Effect of copper (I) nicotinate complex on the immune response and some biochemical parameters of Mugil cephalus fish vaccinated with *Yersinia ruckeri* bacterin. *Journal of the Arabian Aquaculture Society*, 2(2), 105-130
65. El-Sayed, Y.S., T.T. Saad, **El-Bahr S.M.** 2007. Acute intoxication of deltamethrin in monosex Nile tilapia, *Oreochromis niloticus* with special reference to the clinical, biochemical and haematological effects. *Environmental Toxicology and Pharmacology*, 24, 212–217

66. **El-Bahr S.M.** 2007. Effect of black cumin seeds (*Nigella sativa*) on the profile of serum lipids, lipoproteins and fatty acids in pekin ducklings. *International Journal of Applied Chemistry* 3 (3), 221–230
67. Afrah F Salama, **El-Bahr S.M.** 2007. Effect of curcumin on cadmium-induced oxidative testicular damage in rats. *Journal of the Medical Research Institute (JMRI)*, 28(2), 130-136
68. **El-Bahr, S.M.**, Mahdy A. Korshom, Abd El-wahab A. Mandour, Ashraf A. El-Bessomy and Mohamed A. Lebdah (2007): The protective effect of Turmeric on iron overload in albino rats. *Egyptian journal of biochemistry and molecular biology*, 25(2), 94-113
69. Taha, N., M. Korshom, A. Mandour, **El-Bahr, S.M.**, El-Sirafy S. 2007. Effect of some immunostimulent agents on serum proteins and amino acids patterns of japanese quails. *Alex. J. Vet. Med.* 25, 47-53
70. Taha, N., M. Korshom, A. Mandour, **El-Bahr, S.M.**, S. El-Sirafy 2007. Biochemical studies in Japanese quails fed ration containing Zinc and/or *Nigella sativa*. *Alex. J. Vet. Med.* 25, 39-46
71. Ismail Aboghanema, Yousef El-Seady, Sheren Bassuny and **El-Bahr S.M.** 2007. Effect of vitamin E and Selenium in testosterone and lipid profile of albino rats. 5<sup>th</sup> International conference of Mansoura University, April, 2007, pp. 955-967
72. Darwish, R.A., **El-Bahr S.M.** 2007. Neonatal lamb behaviour and thermoregulation with special reference to thyroid hormones and phosphorus element: effect of birth weight and litter size. *Beni Suef Veterinary Medical Journal* November 2007, 5<sup>th</sup> Scientific conference, pp. 120-127
73. **El-Bahr, SM.**, Kahlbacher, H., Patzl, M., Palme, RG. 2006. Binding and clearance of radioactive adrenaline and noradrenaline in sheep blood. *Vet. Res. Commun.* 30(3), 423-432
74. Palme, R., Rettenbacher, S., Touma, C., **El-Bahr, S.M.**, Möstl, E. 2005. Stress hormones in mammals and birds: Comparative aspects regarding metabolism, excretion and noninvasive measurement in fecal samples. *Annals of the New York Academy of Sciences* 1040, 162-171.
75. **El-Bahr, S.M.**, Kahlbacher, H., Rausch, WD., Palme, RG. 2005. Excretion of catecholamines (adrenaline and noradrenaline) in domestic livestock. *Wiener Tierärztliche Monatsschrift* 92, 207-213.
76. **El-Bahr, S.M.**, Möstl, E., Palme, R. 2003. Glucocorticoid metabolites inhibit the metabolism of androstenedione in red blood cells of ruminants. *Journal of Veterinary Medicine A.* 50, 98-102.

## Books

1. Biochemistry: Carbohydrate. First Edition. 7038/**2016**. ISSN: 978-977-90-3838-4.
2. Biochemical Markers in Veterinary Medicine. First Edition. 7039/**2016**. ISSN: 978-977-90-3839-1.
3. Manual of Practical Biochemistry. First Edition. 7040/**2016**. ISSN: 978-977-90-3840-7.

## Book chapters

1. The biological significance of glycan sialylation remodel at the surface of nutrient deprived cells. Book chapter in the press NOVA Publishers (2016). submitted

## Cited as reference in textbooks

1. Robert A Long, Paula MacKay, William J Zielinski and Justina C Ray: (2008): Noninvasive Survey Methods for Carnivores, Island press, Washington DC, USA

## Booklets

1. General Guidelines for safety in scientific laboratories (English and Arabic Versions): King Faisal University, in press.

## Conferences

1. The 7<sup>th</sup> scientific conference, Veterinary Medicine, Alexandria University, Egypt. Scientific committee (Papers referees). 8-10 February **2016** (The statement attached).
2. The First Blackboard Academic Adoption Day for Eastern Province, Saudi Arabia, 23<sup>ed</sup> November **2016**. (certificate attached)
3. The 5<sup>th</sup> Scientific conference for students in higher education, 30<sup>th</sup> April to 28<sup>th</sup> April **2014**, Riyadh, Saudi Arabia. (Certificate attached).
4. **El-Bahr, S.M.**, I.B. Ismail, K. Al-Bosaadah. **2013**. Effect of dietary supplementation of canola oil on egg production, quality and biochemistry of egg yolk and plasma of laying hen. The 28<sup>th</sup> meeting of the Saudi Biological Society, Eco-Tourism and sustainable development, 9-11 April **2013**. Hail University, Hail, Saudi Arabia. (certificate attached)
5. The third Scientific conference for student in higher education, 30<sup>th</sup> April to 3<sup>rd</sup> May 2012, Al-Khobar, Saudi arabia. (certificate attached)
6. **El-Bahr, S.M.**, Al-Nazawi M.H. **2012**. Hypolipidemic and hypocholestrolemic effect of medicinal plant combination in the diet of rats: Black cumin seed (*Nigella sativa*)

- and Turmeric (*Curcumin*). The 27<sup>th</sup> meeting of the Saudi Biological Society, Economic of Environment and Natural resources, 6-8 March **2012**. Jazan University, Jazan, Saudi Arabia. (certificate attached)
7. The 26<sup>th</sup> meeting of the Saudi Biological Society, Climatic changes and biodiversity, 10-12 May, **2011**. Taif University, Taif, Saudi Arabia. (certificate attached)
  8. The 25<sup>th</sup> meeting of the Saudi Biological Society, Nanotechnology in Biological Science, 11-13 June, **2010**. Al-Ahsa, Saudi Arabia. (certificate attached)
  9. The 1<sup>st</sup> scientific conference of camel research center, King Faisal University, Saudi Arabia "The future of camel research" May, **2008**
  10. **El-Bahr, S.M.**, Talaat T. Saad 2008. Effect of Black cumin seeds (*Nigella sativa*) and/or Turmeric (*Curcumin*) on hematological, biochemical and immunological parameters of *Mugil cephalus* fish vaccinated with *Aeromonus hydrophila* bacterin. The Thirteen scientific congress, Faculty of Veterinary Medicine, Assuit University, 25-28, November, 2008, pp. 365-388.
  11. Abo-Ghanema, I.I., EL-Seady, Y., Abo-Elouon, S. and **El-Bahr, S.M.** 2007. Effect of dietary supplementation of L-carnitine and ascorbic acid on live body weight and some biochemical and hematological parameters of broiler chicks. 5<sup>th</sup> Scientific conference of society of physiological Sciences and their applications, Ras El-Bar, 25-28 July, 2007, pp. 21-35
  12. Yasser S. El-Sayed, Talaat S. Sanad and **El-Bahr S.M.** 2007. Acute Toxicity of Deltamethrin in Monosex Tilapia with Special Reference to the Clinical, Biochemical and Hematological Effects. Conference of Fac. Vet. Med., Beni seuif University, March, 2007
  13. Ismail Aboghanema, Yousef El-Seady, Sheren Bassuny and **Sabry El-Bahr** (2007): Effect of vitamin E and Selenium in testosterone and lipid profile of albino rats. 5<sup>th</sup> International conference of Mansoura University, April, 2007, pp. 955-967
  14. El-Ashmawy, I.M., Saad, T.T., **El-Bahr, S.M.**, Salama, O.M. (2007): Assessment of immune response of big head carp fed on copper (1) nicotinate and vaccinated with *Yersinia Ruckeri* bacterin. Vet. Med. Conference, Cairo University. Vet. Med. J. Giza, 55(2), 507-522.
  15. **El-Bahr, S.M.** (2006): The in vitro metabolic changes in the corticosteroidal hormones in faeces of ruminants. The fourth scientific congress, Fac. Vet. Med., Sadat city, Minufiya Univ., Egypt, 26-27 April 2006, pp 25
  16. **El-Bahr, S.M.**, Kahlbacher, H., Rausch, W.D., Palme, R.G. (2005): Metabolism and excretion of catecholamines (adrenaline and noradrenaline) in sheep. 4<sup>th</sup> Int. Conf, Mansoura, Egypt, April 5-6, 2005, 1169-1180

17. Möstl, E., **El Bahr, S.**, Palme, R. (2003): Stress ist im Kot messbar. In: III. Fortbildungsveranstaltung: Der wiederkäuer und seine probleme, VU Wien, 4-6 september 2003 pp 15-16. (POSTER).
18. Palme, R., **El-Bahr, S.M.**, Möstl, E. (2002): Non-invasive monitoring of stress hormones by measuring their faecal metabolites. 4th World Congress on Stress, Edinburgh, UK, Sep.12-15, 2002. Stress 5, (Suppl.), 67.
19. Möstl, E., **El-Bahr, S.M.**, and Palme, R. (2002): Cortisol metabolites inhibit the inactivation of androstenedione in ruminants. XXII World Buiatrics Congress, Hannover, Germany, 18 – 23 Aug. 2002, 102.
20. **El-Bahr, S.M.**, Möstl, E., Palme, R. (2002): Interaktion von Sexualsteroiden und Glukokortikoidmetaboliten bei der Metabolisierung durch Erythrozyten von Wiederkäuern. 15. Tagung der Fachgruppe Physiologie und Biochemie der Deutschen Veterinärmedizinischen Gesellschaft, Wien, Austria, 27.2.-1.3.2002, 94.
21. **El-Bahr, S.M.**, Möstl, E., Hassan, I.F., El-Said, E.E., Kahilo, K.A., Palme, R. (2001): Competition between gonadal steroids and glucocorticoid metabolites as regards their metabolism in red blood cells of ruminants. RFSS conference, Cambridge, U.K. Journal of Reproduction and Fertility, Abstract Series 27, 27-28

#### **Workshops and training programs** (All Certificates are attached)

1. Training program provided to Saudi digital library (SDL) through SDL portal. The program entitled: International scientific publishing skills, 1<sup>st</sup> April, **2018**.
2. Training program provided to Saudi digital library (SDL) through SDL portal. The program entitled: International scientific researches arbitration, 20<sup>th</sup> March, **2018**.
3. Training program provided to staff members of KFU, Al-Hufuf, Deanship of development and quality assurance, Saudi Arabia. The program entitled: Course and program learning outcomes, 18-19 February, **2018**.
4. Training program provided to staff members of KFU, Al-Hufuf, Deanship of development and quality assurance. The program entitled: Self-study for program accreditation by EEC-HES, 26-27 November, **2017**.
5. Training program provided to staff members of KFU, Al-Hufuf, Deanship of development and quality assurance. The program entitled: Recent trends in scientific research arbitration, 5-6 December, **2017**. KFU, Al-Hufuf, Deanship of development and quality assurance.
6. Workshop of Strategic plan 2016-2020, College of Veterinary Medicine, King Faisal University, Saudi Arabia, Part 1, 2017.

7. Workshop of Strategic plan 2016-2020, College of Veterinary Medicine, King Faisal University, Saudi Arabia, Part 2, 2017.
8. Workshop of Courses and programs reports, December **2017**, Riyadh, Saudi Arabia.
9. Workshop (Trainer) of Veterinary Medicine strategic planning 2016-2020, October **2017**, Alkhober, Saudi Arabia.
10. Workshop of strategic planning in quality, May **2017**, Alkhober, Saudi Arabia.
11. Training program performed to staff and students of center of veterinary training and animal production, Al-Ahsa, Saudi Arabia. The program entitled Molecular Biology: The magic gate for biological sciences. March, **2017**.
12. Training program performed to general society of Al-Gesha Population, Al-Ahsa, Saudi Arabia, April **2017**. The program entitled scientific bases for healthy diet.
13. Training program performed to general society of Al-Gesha Population, Al-Ahsa, Saudi Arabia, March **2017**. The program entitled Obesity: bad effects and treatment.
14. Training program performed to staff and students of Reeyahad international school Al-Ahsa, Saudi Arabia, February **2017**. The program entitled the secret of life: Basic principles of nucleic acids.
15. Workshop entitled MERSCoV: The current challenges and the future prospective. Al-Ahsa, Saudi Arabia, February **2017**
16. Workshop of program self-study, December **2016**, Jeddah, Saudi Arabia
17. Workshop of Developing faculty evaluation systems, December **2016**, Al-Ahsa, Saudi Arabia
18. Workshop of TOT at professional level, October **2016**, Al-Ahsa, Saudi Arabia
19. Workshop of Self-study report for program, March, **2016**, Al-Ahsa, Saudi Arabia
20. Workshop of Quality Management system, March, **2015**, Al-Ahsa, Saudi Arabia
21. Workshop of course report, March, **2015**, Al-Ahsa, Saudi Arabia
22. Workshop of Intended Learning outcomes, February, **2015**, Al-Ahsa, Saudi Arabia
23. Training program titled creative teaching: comprehensive system for effective outcomes, December **2015**
24. Training program titled Reviewing Scientific Researches: Skills and International Criteria, December **2015**
25. Training program titled advanced MS-Word 2013 skills for scientific research purposes, November **2015**
26. Workshop of Preparing for NCAAA Accreditation, February, **2013**, Al-Ahsa, Saudi Arabia
27. Lecturer in the training course entitled Basic technique in chromatographic analysis and their applications, 27-30 May, 2012, **2013**. College of Veterinary Medicine and Animal

- resources, King Faisal University, Saudi Arabia. The title of the lecture Basic concept of separation techniques.
28. Lecturer in the training course entitled Principles and Applications of PCR and RT-PCR for pathogens diagnosis, 22-24 April, **2012**. College of Veterinary Medicine and Animal resources, King Faisal University, Saudi Arabia. The title of the lecture DNA, the secret of the life
  29. Lecturer in the training course entitled Principles and Applications of PCR and RT-PCR for detection of pathogens, 29 May-first of June, **2011**. College of Veterinary Medicine and Animal resources, King Faisal University, Saudi Arabia. The title of the lecture DNA, the secret of the life
  30. A total of 4 Lectures presentation regarding Quality Assurance issues at college of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia, **2011-2013**
  31. Workshop of quality of student assessment, November, **2012**, Al-Ahsa, Saudi Arabia
  32. Training course on quality standards in learning, FLDC, international board of certified trainers, European division (IBCT), August, **2012**, Egypt
  33. Training course on quality standards in teaching, FLDC, international board of certified trainers, European division (IBCT), 14-15 July, **2012**, Egypt
  34. Training course on student evaluation and examination techniques, FLDC, international board of certified trainers, European division (IBCT), 30 June-1 July, **2012**, Egypt
  35. Training course on University legal and financial Aspects, FLDC, international board of certified trainers, European division (IBCT), 2-3 July, **2012**, Egypt
  36. Training course on Organizing Scientific Conferences, FLDC, international board of certified trainers, European division (IBCT), 9-10 July, **2012**, Egypt
  37. Training course on international publishing of Research, FLDC, international board of certified trainers, European division (IBCT), 7-8 July, **2012**, Egypt
  38. Workshop of Securing community engagement: More than just Academic Wallpaper, 23-24 April 2012, Al-Ahsa, Saudi Arabia
  39. Workshop of Quality requirements in Distance and E-learning management system, 13-14 March **2012**, Al-Ahsa, Saudi Arabia
  40. Workshop of Research quality, KPIs and Benchmarking, 27-28 February 2012, Al-Ahsa, Saudi Arabia
  41. Workshop of External reviewer training, 18-20 February **2012**, Riyadh, Saudi Arabia
  42. Workshop of Establishing Data analysis and reporting system Based on NCAAA requirement, KFU, Al-Ahsa, 11-12 February **2012**

43. Workshop of Faculty Evaluation and peer review, 11-12 December **2011**, Jeddah, Saudi Arabia
44. Workshop of Program and course learning outcomes Based on NQF, 19-20 November **2011**, Al-Ahsa, Saudi Arabia
45. Workshop of learning outcomes in program planning, delivery and evaluation, 19-20 November **2011**, Al-Ahsa, Saudi Arabia
46. Workshop of Management and implementation of self-study for institutional accreditation, 8-9 October **2011**, Al-Ahsa, Saudi Arabia
47. Workshop concerning the committee of accreditation project KFU11/11, King Faisal University (the Priorities for improvement), Al-Ahsa, Saudi Arabia, March, **2011**
48. Workshop concerning the committee of accreditation project KFU11/11, King Faisal University (self-study Report), Al-Ahsa, Saudi Arabia, January, **2011**
49. Workshop concerning the evaluation of self-study Coral plaza, Al-Ahsa, Saudi Arabia, December, **2010**
50. Second workshop concerning the committee of accreditation project KFU11/11, King Faisal University, Saudi Arabia, 14-12-**2010**
51. First workshop concerning the committee of accreditation project KFU11/11, King Faisal University, Saudi Arabia, 3-10-**2010**
52. Workshop on quality assurance and accreditation, King Faisal University, Saudi Arabia, April, **2010**
53. Lecture presentation entitled biochemical profile of stress hormones, 24-March-**2009**.
54. Lecture presentation entitled biochemical profile of stress hormones, 24-March-**2009**, College of Veterinary Medicine and Animal resources, King Faisal University, Saudi Arabia
55. Attendance of many local scientific lectures presented by specialist professors of college of veterinary Medicine and Animal resources, King Faisal University, Saudi Arabia
56. Scientific lecture about safety measures on biological lab, Faculty of Science, King Faisal University, Saudi Arabia, May, **2008**
57. Workshop on curriculum of the college of Veterinary Medicine and Animal resources, King Faisal University, Saudi Arabia, April, **2008**
58. Workshop for primary discussion of curriculum of the College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia, January, **2008**
59. Workshop entitled Code of ethics certificate from FLDC, Alexandria University, Egypt, **2005**



60. Workshop entitled New trends in teaching certificate from FLDC, Alexandria University, Egypt, **2005**
61. Workshop entitled Thinking skills certificate from FLDC, Alexandria University, Egypt, **2005**
62. Workshop entitled Decision making and problem solving certificate from FLDC, Alexandria University, Egypt, **2005**
63. Workshop entitled Effective presentation Skills certificate from FLDC, Alexandria University, Egypt, **2005**
64. An official certificate as a member of medical chemists (No. 1936/ 10-5-**2003**)
65. Workshop entitled Fascioliasis in Egypt a symposium in Medical researches institute, Alexandria University, Egypt, **1998**
66. Molecular biology symposium for one week in the institute of graduate studies and researches, Alexandria University, Egypt, **1998**
67. Preparation of University teacher certificate, Mansoura University, Egypt, **1998**
68. Preparation of leaders' certificate from institute of preparation of leaders of Helwan, Egypt, **1997**

## **Academic Scientific activities**

### **Undergraduate**

- 1- Teaching of Biochemistry I, Biochemistry II and practical biochemistry Courses at College of Veterinary Medicine, King Faisal University, Saudi Arabia.
- 2- Teaching of Organic chemistry, Biochemistry and practical biochemistry courses, Faculty of Veterinary Medicine, Alexandria University, Egypt.

### **Postgraduate**

#### **Supervisor of 4 Master theses**

1. Al Nagada R (2015): Investigation of the effect of Green tea and/or Cinnamon on growth performance, body composition and blood biochemistry of Asian sea bass fish. College of Agricultural and food sciences, King Faisal University, Saudi Arabia.
2. Alomran M (2014): immunological studies on cameline Haemonchosis: Establishment of an in-house antigen-capture ELISA for the diagnosis of Haemonchus longstipes infection in camel (camelus dromedaries). College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia.

3. Altaweel H. (2012): Studies on dromedary camel epididymal spermatozoa. College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia.
4. M. Lebdah (2006): Biochemical studies on the effects of iron overload in albino rats. Faculty of Veterinary Medicine, Alexandria University, Egypt.

**Teaching of three postgraduate courses at College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia**

- 1- Topic of Biochemistry
- 2- Selected diagnostic methods
- 3- Biochemistry

**Scientific Referees for 49 international Journals**

1. Applied Biochemistry and Biotechnology
2. Phytotherapy Research
3. Theriogenology
4. Animal Reproduction Science
5. Tumour Biology
6. Mycotoxin Research
7. European Journal of Nanomedicine
8. Chemical papers
9. Veterinary Research Communication
10. BMC Veterinary Research
11. Journal of ethnopharmacology
12. The Veterinary Journal
13. Environmental Science and Pollution Research
14. Biocatalysis and Agricultural Biotechnology
15. Journal of Clinical Laboratory Analysis
16. Scientific Journal of King Faisal University
17. Journal of Applied Animal Research
18. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources
19. International Journal of Veterinary Science and Medicine
20. International Journal of Nutrition and Metabolism (IJNAM).
21. Biochemistry Insight
22. Reproductive Biology insight

23. Lipid Insight
24. Asian Journal of Biochemistry
25. Comparative Clinical Pathology
26. Journal of Clinical Pathology and Forensic Medicine (JCPFM)
27. Journal of Buffalo Science
28. Journal of Natural Science, Biology and Medicine
29. American Journal of biochemistry and Biotechnology
30. American Journal of Applied Sciences
31. Alexandria Journal of Veterinary Medicine
32. Journal of Medicinal plants research
33. Punjab University Journal of Zoology
34. Kahramanmaraş Sütçü İmam Üniversitesi Doğa Bilimleri Dergisi
35. Theriogenology insight
36. International Journal of Agricultural Policy and Research
37. Annual Research and Review in Biology
38. Science international
39. World Journal of Agricultural Sciences
40. Journal of Advanced Veterinary and Animal Research
41. African Journal of Pharmacy and Pharmacology
42. BMC complementary and alternative Medicine
43. Biological Sciences and Pharmaceutical Research
44. International Journal of Experimental Pathology
45. Journal of Biological sciences
46. European Journal of Nanomedicine
47. Journal of Medical and Biological Science Research
48. Environmental Science and Pollution Research
49. Journal of Nutritional Science

#### **External Reviewer for 4 scientific organizations**

1. Deanship of Scientific Research, King Faisal University, Saudi Arabia
2. Deanship of Scientific Research, Taif University, Saudi Arabia
3. Scientific Conference for higher graduate students; 2012; 2013; 2014; 2015; 2016.
4. Student Olympiad (Ministry of Education and King Abdulla Organization for creativity and innovation, Saudi Arabia)

#### **Editorial team of 12 International Journals**

1. Journal of Animal Research
2. International Journal of Nutrition and Metabolism
3. American Journal of Biochemistry and Molecular Biology
4. American Journal of Biochemistry and Biotechnology
5. Asian Journal of Biochemistry
6. International Journal of Biological Chemistry
7. World journal of Biochemistry
8. Pakistan Journal of Biological Sciences
9. Research Journal of Veterinary Sciences
10. World research journal of Biochemistry
11. Journal of Advanced Veterinary and Animal Research
12. International Journal of Veterinary Science and Research

### **Memberships of local and international scientific Societies**

1. Member of Asian council for science Editors **2018**.
2. Member of Saudi Biology association, Saudi Arabia.
3. Member of Saudi Veterinary Medical Society, Saudi Arabia.
4. Member of Society of Biochemistry and Molecular Biology, Egypt.
5. Member of Egyptian Veterinary Syndicate.
6. Member of Medical Chemists (No. 1936/10-5-2003), Egypt.

### **Awards**

1. The Prize of The First distinguished staff member at the King Faisal University, Saudi Arabia, 2018.
2. ALMARAI Award for the Outstanding Researcher in Veterinary Medicine), 2017.
3. Recognized reviewer of Elsevier (Theriogenology), 2016. (the certificate is attached)
4. Marquis Who's Who in the world 2014 till now. (the certificate is attached)
5. The second best research submitted to the 28<sup>th</sup> meeting of the Saudi Biological Society, Eco-Tourism and sustainable development, 9-11 April 2013. Hail University, Hail, Saudi Arabia
6. International publications in high ranking Journal with ISI impact factor from King Faisal University, Saudi Arabia (4 times)
7. International publications in high ranking Journal with ISI impact factor from Alexandria University, Egypt.

8. The best research submitted to 30<sup>th</sup> scientific congress, Faculty of Veterinary Medicine, Assuit University, 25-28, November, 2008, pp. 365-388.
9. The best Top 10 Hottest Articles published in Science Direct 2007 in journal of environmental toxicology and pharmacology.
10. The best research submitted to 4<sup>th</sup> International Conference, Mansoura, Egypt, April 5-6, 2005, pp. 1169-1180. The title of the research: Metabolism and excretion of catecholamine (adrenaline and noradrenaline).
11. Scholarship to study PhD in Vienna, 2000-2004, Ministry of higher education, Egypt.
12. The best student in last year of Medical Veterinary study in the Faculty of Veterinary Medicine, Alexandria 1993 with a final grading "very good with Honor"
13. The best student of Histology in first year of Medical Veterinary study in the Faculty of Veterinary Medicine, Alexandria 1989 by Egyptian Society of Histology.

### **Scientific Visits**

- 1- Scientific Visit to ARASCO, Saudi Arabia.
- 2- Scientific Visits to different drug companies in Egypt (Al-America, Amoun, Pharco).

### **Community engagement**

#### **Different Scientific consultation**

1. Member of Asian council for science Editors **2018**.
2. Consultant of Vice-President of development, Studies and community engagement for quality and academic accreditation, KFU, Saudi Arabia, 2014-till now **2017**.
3. Chairman of committee of Management of quality assurance and development for institutional Accreditation Project, King Faisal University Saudi Arabia.
4. Member of committee of Operational Plan of King Faisal University, Saudi Arabia
5. Member of Executive committee of Deanship of quality assurance and academic accreditation, King Faisal University, Saudi Arabia.
6. Trainer for quality assurance, King Faisal University, Saudi Arabia
7. External reviewer certification program for quality assurance and accreditation by NCAAA, Saudi Arabia
8. Member of Quality Committee of College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia
9. Member of quality unit of College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia.
10. Member of the Strategic committee College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia.

11. Consultant for the Royal Society for the conservation of Nature, Jordan for the field of Biochemical analysis and chemistry of nutrition. From 2015-till **2017** (the certificate is attached).
12. Consultant (member of the board) for the Fish Resources Research center, Al-Ahsa, Saudi Arabia. **2017**.
13. Consultant (member of the board) for the Camel Research center, Al-Ahsa, Saudi Arabia. Till now **2017**
14. Member of the organizing committee for the Workshop entitled MERSCoV: The current challenges and the future prospective. Al-Ahsa, Saudi Arabia, February **2017**
15. Consultant for Biochemical analysis in many projects of College of Veterinary Medicine and Animal Resources, King Faisal University, Saudi Arabia.
16. Consultant with College of Agricultural and Food Sciences, King Faisal University in many Projects with beneficial effect to Saudi Community.
17. Consultant with College of Science, King Faisal University in many Projects with beneficial effect to Saudi Community.
18. Consultant for biochemical issues in the Saudi project for utilization of Hajj meat
19. Member of the Physiology, Biochemistry and Pharmacology departmental board, College of Veterinary Medicine, King Faisal University, Saudi Arabia (2007-till now)
20. Member of the Faculty Academic supervision (College of Veterinary Medicine, King Faisal University, Saudi Arabia; 2007-till now)
21. Member of the Faculty Public relations and information and continuing education committee (College of Veterinary Medicine, King Faisal University, Saudi Arabia; 2007-till now)
22. Member of the Faculty ethics of dealing with animal experiments committee (College of Veterinary Medicine, King Faisal University, Saudi Arabia; 2007-2010)
23. Member of the faculty Report preparation committee (College of Veterinary Medicine, King Faisal University, Saudi Arabia (2011-2013)

### **Participation in Media for dissemination of general culture**

1. YouTube video about Scientific bases for healthy diet for one hour. **2017**
2. YouTube video about obesity lecture for one hour. **2017**
3. Journal assay (Al-Shark newspaper) about Canola oil, issue 1958, Year: **2017**

4. Journal assay (Al-Shark newspaper) about Curcumin, issue 1952. **2017**
5. Journal News (Al-Youm) regarding the establishment of corona project entitled Rapid and sensitive detection of early MERS-CoV in Saudi Arabia. **2016-2017**
6. University website appreciation regarding the establishment of corona project entitled Rapid and sensitive detection of early MERS-CoV in Saudi Arabia. **2016-2017**
7. Establishment of corona project entitled Rapid and sensitive detection of early MERS-CoV in Saudi Arabia in ESHRAKA ELGAMAA newspaper.
8. Preparation of booklets regarding the laboratory biosafety and security in Arabic and English version. College of Veterinary Medicine, King Faisal University, Saudi Arabia.
9. Writing a report in ISHRAKAT ALGAMAAH newspaper about My Researches:  
1- Canola oil
10. Writing a report in ISHRAKAT ALGAMAAH newspaper My Researches: 2-  
Curcumin
11. A television interview regarding the establishment of quality activities in the College of Veterinary Medicine and Animal Resources. Aali TV channel.
12. A television interview regarding the benefits of scholarships for Egyptian students, Egyptian Satellite TV Channel 1; 2004.
13. Writing (10 reports) in Alexandria magazines about the possibility of engagement of science with 10 social issues (Diabetes, Hypercholesterolemia, obesity, Heart problems, smoking, medicinal plants, gout, thyroidism, drug residues).
14. Member of Public relations, Media and continuing education committee (College of Veterinary Medicine, King Faisal University, Saudi Arabia)