

Curriculum Vitae

Personal Information

Name Khaled Nasr El-Din Fahmy Abdelrahman
Title Professor and Head of Nutrition & Clinical Nutrition department
Date of Birth 04-10-1967
Place of Birth Cairo
Citizenship Egyptian



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Home phone 202-36858484
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Current Address Department of Nutrition & Clinical Nutrition, Faculty of Veterinary Medicine, Cairo University, Giza 12211 Egypt

Educational Qualifications

Ph.D. in Nutrition & Clinical Nutrition (Faculty of Veterinary Hygiene & Ecology, University of Veterinary and Pharmaceutical

- Feeding and Nutrition of dairy and beef cattle
- Feeding and Nutrition of Small Ruminants
- Nutrition of Pet animals.
- Feeding and Nutrition of Horse
- Feed additives.
- Best-cost feed-formulation software.

Professional Memberships

- Member of Egyptian Veterinary Nutrition Association.
- Member of Egyptian Society of Animal Management.
- Member of Egyptian Society of Animal Reproduction and Fertility.
- Member of Egyptian Veterinary Syndicate.
- Member of Egyptian Veterinary Medical Association.
- Member of the Egyptian Society of Environment and Aquatic Animal Health (ESEAAH).
- Member of Veterinary Social Association.
- Member of International Goat Association.
- Member of Physiological Sciences and their applications
- Member of Animal and poultry Research center, Faculty of Veterinary Medicine, Cairo University

Professional Qualifications

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| Conferences | <ol style="list-style-type: none"> 1. 8th Meeting on Nutrition of sheep and goats, 1998. Grignon (France), 3-5 Sept. Cooperative FAO-CIHEAM Networks on sheep and goats. Subnetwork: Nutrition. 2. 6th International symposium on the milking of Small Ruminants 1998. Sept 26- Oct 1, Athens, Greece. 3. MENGEN-UND SPURENELEMENTE 1998. 18. Arbeitstagung, 4. Und 5. Dezember 1998, in der Aula der Friedrich-Schiller Universität, Jena, Germany. 4. Kábrtový Dietetické Dny 1999. 2. ZAŘI Konference s mezinárodní účastí, Veterinární a Farmaceutická |
|-------------|--|

Univerzita Brno, Czech Republic.

5. MNGEN-UND SPURENELEMENTE 1999.19.Arbeitstagung, 3.Und 4.Dezember 1999, in der Aula der Friedrich-Schiller Universität, Jena, Germany.
6. 7th International conference on goats 2000. 15-21, May 2000, Tours & Poitiers, France.
7. Joint Annual Meeting 2000. 24-28, July 2000. Baltimore, Maryland, USA.
8. MNGEN-UND SPURENELEMENTE 2000. 20.Arbeitstagung, 1.Und 2.Dezember 2000,in der Aula der Friedrich-Schiller Universität, Jena, Germany.
9. 10th International symposium on Forage conservation 2001. 10-12 September, Brno, Czech Republic.
10. 14th Annual Congress of ESARF in co-operation with EVNA 2002. February 2-7, Cairo-Hurghada, Egypt.
11. XXII World Buiatrics Congress, 2002 .Aug. 18-23,2002, Hannover, Germany.
12. 53th Annual meeting of EAAP 2002. September 1-4, Cairo, Egypt.
13. 2nd Scientific conference of Society of Physiological Sciences and their application 2004. 28-31 July 2004, Egypt.
14. MNGEN-UND SPURENELEMENTE 2004. 22. Workshop on Macro and trace elements, 24-25th Sept. 2004, Germany
15. 8th scientific conference on Biotechnology and Animal production 2005. 17-19th April 2005, Faculty of Veterinary Medicine , Cairo University.
16. 17th Annual congress of The Egyptian society for animal reproduction and fertility 2005. 28 January – 1st February , Menia, Egypt.

17. 18th Annual congress of The Egyptian society for animal reproduction and fertility 2006. 29 January – 1st February, Ain Sochna, Egypt.
18. 1st Annual Joint Scientific Congress of Egyptian society of animal management and Egyptian Veterinary Nutrition Association, 2006. 30-31 October, Cairo, Egypt.
19. 6th Scientific Conference on Bio-security and Bio-safety in Veterinary Practice, 2010. 24-27 April, Ain El Sokhna, Egypt.
20. 3rd Scientific conference of Egyptian society of animal management on New and challenges in Animal and Poultry production in Egypt, 2008. 28- 29 October 2008.
21. 4th Scientific conference of Egyptian society of animal management on Veterinary medicine and Human health, 2010. 25-28 October 2010, Cairo – Ras-Sader, Egypt.
22. 1st Annual workshop of Egyptian Society of Environment and aquatic animal health" Impact of Aquatic animal diseases on the aquatic environment "Health, Ecological and Epidemiological Perspectives". 2011. 10 -14 September 2011, Egypt.
23. 6th International Conference of World Poultry Science Association" Poultry production for good human health and safe environment" 2012, 26-29.3.2012, Porto Marina, Alexandria, Egypt.
24. 7th Scientific Conference of Faculty of veterinary medicine, Menoufia University, Sadat city Branch, 24 - 27 April 2012. " Progressing the veterinary performance for human health protection and prevention of emerging diseases"
25. Conference of British Society of Animal Science and the Association of Veterinary Teaching and Research work, (Advances in Animal Biosciences), England , April 2013
25. Inspire Middle East Conference, 2015, 19 – 23.01.2015.,Sharm El- shakh, South Sinai, Egypt
- 26.Conference of British Society of animal science and the Association of AVTRW, CFER AND EBLEX

(Advances in Animal Biosciences), England, April, 2015.

27. 20th European symposium on Poultry Nutrition, 2015, 24- 27.08.2015. Prague, Czech Republic.

28. The XXV World Poultry Congress, 2016, 5 -9.2016.Beijing, China.

29. Seminar on Locomotory Disorders in Poultry, 2016. 20- 23.9.2016, Bruges, Belgium.

30. 21th European symposium on Poultry Nutrition, Barcelona, Spain, May 2017

31. 10th Scientific conference of Egyptian Veterinary Poultry diseases Association, 2017, 4 -7., Ain sokhna, Cairo, Egypt.

Training courses

1. Gas Chromatography course in training center for Arab consulting Engineers during 7-11 January 1995.
2. A course on "Building Skills For The TOEFL-S. Amideast, Cairo, Egypt, 29 January 2002.
3. Polymerase chain reaction and its different applications. Biotechnology center, Faculty of Veterinary Medicine, Cairo University during 22-26 February 2004.
4. A program on "Thinking Skills". Faculty and Leadership Development Project, Cairo University. 15-17 January 2005.
5. Workshop on "How To Write and Present A Scientific Paper". Faculty of Veterinary Medicine, Cairo University. 7- 9 March 2005.
6. A program on "Crisis Effective Management". Faculty and Leadership Development Project, Cairo

- University. 18-19 January 2006.
7. A program on "New Methods of Teaching". Faculty and Leadership Development Project, Cairo University. 21-23 February 2006.
 8. A program on "Preparing Proposal for Research project". Faculty and Leadership Development Project, Cairo University. 21-23 August 2006.
 9. A program on "Scientific Writing and International Publication". Faculty and Leadership Development Project, Cairo University. 26-28, February 2006.
 10. A program on "Preparing University Syllabus". Faculty and Leadership Development Project, Cairo University. 4 -6, September 2006.
 11. A program on "Sheep and goat management" Center of Applied Analytical and veterinary Studies, Cairo University 17 – 21 /9/2006.
 12. A program on "Pet animal management" Center of Applied Analytical and veterinary Studies, Cairo University, 7/2007.
 13. A program on "Sheep and goat management" Center of Applied Analytical and veterinary Studies, Cairo University 23 – 27 /11/2008.
 14. A program on “Effective Teaching Skills” Faculty and Leadership Development Project, Cairo University, 25-27.12.2010.
 15. A program on “ Credit hour system” Faculty and Leadership Development Center, Cairo University,

21-23.3.2011

16. A workshop on" Continuous Evaluation for Educational Community", Quality Assurance and Accreditation center, Cairo University, 9/5/2011.
17. A workshop on" Field visit", Quality Assurance and Accreditation center, Cairo University, 11 /5/2011.
18. A workshop on" The Role of committees of Quality affairs of Scientific Departments in support the institutional capacity and Educational Effectiveness of the college." 13/6/2011.
19. A program on "E- Learning" Faculty and Leadership Development Center, Cairo University, 26-28 /12/ 2011.
20. A program on "Meetings and Managing time" Faculty and Leadership Development Center, Cairo University, 26-28 /12/ 2011.
21. A program on "University Management" Faculty and Leadership Development Center, Cairo University, 2-4 /1/ 2012.
22. Training Seminars on NSP and Phytase enzymes, Helsinki, Finland, 16-20. 06.2014.

Computer Skills

- Acquainted with computer writing skills.
- Has a great experience in PowerPoint, Microsoft Office, Excel and Adobe Acrobat.

Language Skills

- Speaks, writes and reads English very fluently.

Projects:

- Member of research team in the Project "**Effect of silage packing density and inoculation on silage quality**" sponsored

by Faculty of Agriculture and Natural Resources, Delaware University, USA.

- Member of research team in the Project “**Some trials to improve fertility and prolificacy of ewes with reference to folliculogenesis and follicular dynamic**” sponsored by Cairo University.
- Member of research team in the Project “**Banking of Rumen Ciliates for Improvement of Ruminant Farm Animals Production**” sponsored by Cairo University.

Journal's Publication		Conference's Publication		Authors			Total
Local	International	Local	International	Single	Shared		
					Internal	External	
17	5	7	16	26	18	1	45

Publications:

1. **Khaled, N.F.**, Illek, J. and Gajdusek, S. 1998. Interactions between nutrition, blood metabolic profile and milk composition in dairy goats. In: Proc. of 8th Meeting on Nutrition of sheep and goats, Grignon, France, 3-5 Sept., (Abstr.). Cooperative FAO-CIHEAM networks on sheep and goats. Subnetwork: Nutrition.
2. **Khaled, N.F.**; Illek, J., Filipek, J. and Sedlakova, D. 1998. Changes in milk and blood composition in dairy goats during lactation. In: Proc. of 6th International symposium on the milking of Small Ruminants, Sept 26-Oct 1, Athens, Greece.



3. Illek, J; **Khaled, N. F.**, Sedlakova, D and Sindelar, M. 1998. Concentration of thyroid hormones in dairy goats during lactation. In: Proc. of 6th International symposium on the milking of Small Ruminants, Sept 26- Oct 1, Athens, Greece.
4. **Khaled, N.F.**, Illek, J. and Pechova, A. 1998. Concentration of zinc and copper in blood plasma and milk of dairy goats during lactation. In: Proc. of Mengen-und Spurenelemente, 18. Arbeitstagung, 4. und 5. Dezember, in der Aula der Friedrich- Schiller- Universitat Jena, Germany.
5. **Khaled, N.F.**; Illek, J. and Gajdusek, S. 1999. Interactions between nutrition, blood metabolic profile and milk composition in dairy goats. Acta Vet. Brno 68: 253-258.
6. **Khaled, N. F.**, Illek, J. 1999. Effect of dietary supplementation of 1,2-propanediol on some blood metabolites related to energy metabolism in dairy goats. In: Proc. of Kábrtovy Dietetické Dny, 2 ZAŘI. Konference s mezinárodní účastí, Veterinární a Farmaceutická Univerzita Brno, Czech Republic.
7. **Khaled, N. F.**, Illek, J. 1999. Influence of dietary supplementation of selenium-enriched yeast on selenium status of dairy goats. In: Proc. of MENGEN-UND SPURENELEMENTE. 19. Arbeitstagung, 3. und 4. Dezember in der Aula der Friedrich-Schiller Universitat, Jena, Germany.
8. **Khaled, N. F.**, Illek, J., 2000. Effect of dietary supplementation of rumen-protected methionine on some blood and milk constituents in dairy goats. In: Proc. of 7th International conference on goats, 15-21 May, Tours & Poitiers, France.
9. **Khaled, N.F.** 2000. Interactions between nutrition, blood metabolic profile and milk composition in dairy goats. **Seminar** was held in 15 June, Department of Animal and Food Sciences, College of Agriculture and Natural Resources, University of Delaware, Newark 19717, Delaware, USA.
10. **Khaled, N.F.** 2000. Effect of Silage Packing Density and Inoculation on Silage Quality. **Seminar** was held in 10 July, Department of Animal and Food Sciences, College of Agriculture and Natural Resources, University of Delaware, Newark 19717, Delaware, USA.



11. **Khaled, N.F.**, Illek, J. 2000. Influence of selenium and vitamin E on the plasma enzymes of dairy goats. In: Proc. of MENGEN-UND SPURENELEMENTE. 20. Arbeitstagung, 1. und 2. Dezember in der Aula der Friedrich-Schiller Universität, Jena, Germany.
12. **Khaled, N.F.**, Illek, J. 2001. Effect of feeding of Propylene glycol on selected ruminal, blood and milk constituents of dairy goats. In: Proc. of 10th International symposium on Forage conservation, 10-12 Sept., Brno, Czech Republic.
13. **Khaled, N.F.**; Awadallah, S.A.; Ismail, E.Y. and Hoda, A.A. (2002): Nutritional evaluation of dried rumen contents in sheep. Part I: The effects of dried rumen contents in the rations of lambs on feed intake and nutrient digestibility. In: Proc. of 14th Annual Congress of ESARF in co-operation with EVNA.
14. **Khaled, N.F.**; Awadallah, S.A.; Ismail, E.Y. and Hoda, A.A. (2002): Nutritional evaluation of dried rumen contents in sheep. Part II: The effects of dried rumen contents in the rations of lambs on nitrogen balance, ruminal and blood parameters. In: Proc. of 14th Annual Congress of ESARF in co-operation with EVNA.
15. **Khaled, N.F.**, Illek, J. (2002): Selected blood and milk indicators in healthy and ketotic goats. In: Proc. of the XXII World Buiatrics Congress, Aug. 18-23, 2002, Hannover, Germany.
16. **Khaled, N.F.**, Illek, J. (2002): New approach for evaluating the nutritional and disease status in dairy animal by using the biological indicators. In: Proc. of 53th Annual meeting of EAAP, September 1-4, Cairo, Egypt.
17. **Khaled, N.F.**, H.A. Abdellatif. (2003): Response of Balady dairy goats to dietary propylene glycol and rumen-protected methionine supplementations. New Egyptian Journal of Medicine 28 (5):248-256.
18. Abdel-Rahman, M.A., **Khaled, N.F. (2004)**: Effects of urea and sodium bicarbonate supplementation on rumen characteristics, rumen bacterial mass and protein status of sheep. Egyptian J. of Basic and Applied Physiology, 2nd Scientific Conference, 7, 2004: 51-59.



19. **Khaled, N.F.**, Mahmoud, A.R., El-Banna, R. (2004): Influence of dietary selenium source supplementation on broiler performance, certain blood chemistry, thyroid metabolism and carcass characteristics. In : Proc. of 22nd workshop on macro and trace elements, 24-25th Sept, Jena, Germany.
20. **Khaled, N.F.**, El-Shahat, K.H. (2004): Response of Egyptian buffaloes to dietary chromium and niacin supplementation. In: Proc. of 22nd workshop on macro and trace elements, 24-25th Sept, Jena, Germany.
21. **Khaled, N.F.**, Abdel-Rahman, M.A., El-Shahat, K.H and F.I. El-Far. (2005): Prepubertal effects of calcium soap supplementation in Rahmani ewe-lambs. Vet. Med. J., Giza. Vol. 53, No. 2. (2005): 363-380.
22. **Khaled, N.F.**, O. A. Attallah, H. El-Iethy and H.A. Abdellatif. (2005): Influence of dietary L-carnitine supplementation on performance, serum traits, carcass composition and stress responses of broilers fed low -or high- fat diets. Vet. Med. J., Giza. Vol. 53, No. 2. (2005): 577-590.
23. K.H.El-Shahat; **N.F. Khaled** and F.I.El-Far. (2006): Puberty attainment, serum insulin-like growth factor-1 and some blood borne metabolites in somatotropin-treated Rahmani ewe lambs. Egypt. J. Basic Appl. Physiol. 5 (1): 29-46.
24. **Khaled, N.F.** (2006): Micronutrients and reproduction in buffalo. In: Proc. of 18th Annual congress of The Egyptian society for animal reproduction and fertility. 29 January – 1st February, Ain Sochna, Egypt.
25. El-Sisy, G.A., **Khaled, N.F.**, Abdel-Razek, A.M., Younis, A.A., Ghallab, A.M. and Abdou, M.S.S. (2006): Effect of dietary zinc or selenium supplementation on productive performance of male goats. In: Proc. of 18th Annual congress of The Egyptian society for animal reproduction and fertility.. 29 January – 1st February, Ain Sochna, Egypt.



26. **Khaled, N.F.** and Tayseer, I.M.Ismail. (2006): Effects of dietary supplementation with rumen- by pass fat and / or L-carnitine on productive and reproductive performance of ewes. Egyptian J. of Basic and Applied physiology. Vol. 5 No. 2 : 349-364.
27. **Khaled, N.F. (2006)**: Impact of dietary nurients on blood and milk constituents of dairy goats and cattle. In: Proc. of 1st Annual Joint Scientific Congress of Egyptian Society of Animal Management and Egyptian Veterinary Nutrition Association. 30-31 October, Cairo, Egypt.
28. .H. El-Lethey and **N. F. Khaled (2009)**: Effects of L-carnitine supplementation of diets differing in lysine levels on growth performance, behavioural responses, serum chemistry, carcass traits and immune response of broiler chickens. J. Egypt. Vet. Med. Assoc. 69 (2): 175 – 195.
29. R. El-Banna, **N.F. Khaled**, A.H. Mahmoud and A.A. El- Moaz (2009): Practical approach to dry fat inclusion in turkey diets.J. Egypt. Vet. Med. Assoc.69 (4):123 - 139.
30. T. Melegy, **N. F. Khaled**, R. El-Bana and H. Abdellatif (2010): Dietary fortification of a natural biosurfactant, lysolecithin in broiler. African Journal of Agricultural Research, 5(21):2886 – 2892.
31. **N. F. Khaled** and T.Baraka (2011): Influence of TOMOKO® (Direct-Fed Microbials) on Productive Performance, Selected Rumen and Blood Constituents in Barky Finishing Lambs. Journal of American Science, 7(9):564-570
32. **N. F. Khaled** and J. Illek (2011): Selected blood biochemical indicators in *Barky* ewes during late pregnancy, post-parturition and early lactation. *Vet. Med. J., Giza*,59 (4):27-36.
33. T. Melegy, **N. F. Khaled**, R. El-Bana and H. Abdellatif, (2011): Effect of Dietary Supplementation of *Bacillus subtilis* PB6 (CLOSTAT™) on Performance, Immunity, Gut Health and Carcass Traits in Broilers. Journal of American Science; 7(12): X (*In Press*).
34. **N. F. Khaled** and J. Illek (2012): Changes in selected blood minerals, vitamins and thyroid hormones in *Barky* ewes during late pregnancy, *post-partum* and early lactation .



J. Egypt. Med. Vet. Assoc. 72 (1):7-16.

35. M. Hady Ali, T. Ibraheem Melegy, R. El- Banna and **N.F. Khaled**,(2013): Performance of heat stressed dairy cows in response to Saccharomyces cervicae and Mannanligosaccharids feed additives under Egyptian conditions. In Proc. of British Society of animal science and the Association of Veterinary Teaching and Research work (Advances in Animal Biosciences. April 2013.Vol 4., Part I.
36. S. H. Abdfattah , **Khaled, N.F.**, Hady, M.M.(2013).Impact of dietary fortification of Essential oils or Sodium butyrate on Broiler Performance. *J. Egypt. Med. Vet. Assoc. Vol. 73, No. 4, pp 821- 837.*
37. M. S. Garhy, E.Y. Ismail, **N.F. Khaled** and M.M. Garhy, (2013).Effect of feeding ration based on whole linseed or whole cotton seed on productive performance of dairy buffalo cows. Egyptian J. Nutrition and Feeds 16 (2) Special issue :21-33.
- 38.M. S. Garhy, E.Y. Ismail, **N.F. Khaled** and M.M. Garhy, (2013). Effect of feeding ration based on whole linseed or whole cotton seed on reproductive performance of dairy buffalo cows. Egyptian J. Nutrition and Feeds 16 (2) Special issue : 9-19.
39. Hady, M.M, **Khaled, N.F**, S.H. Abdfattah.(2015). Potency of dietary supplementation of some essential oils and / or sodium butyrate on zoo technical parameters, carcass traits and intestinal integrity of broiler chickens. In Proc. of British Society of animal science and the Association of AVTRW, CFER AND EBLEX. (Advances in Animal Biosciences. April 2015.Vol 6., Part II.
40. Mohamed, M. Basant, Eraky, G. K.; Ismail, Y. E.; **Khaled , N. F. (2016)**. Synergistic effect of Dietary Phytase and Vitamin-D supplementation on performance and bone mineralization in broiler chickens. *J. Egypt. Med. Vet. Assoc.*76:441-450.
41. Mohamed, B. M., El Iraqi, K.G., Ismail, Y.E., **Khaled, N.F.**(2017). Influence of super-dosing of a novel Phytase and new analogue of vitamin D3 on broiler performance, bone mineralization, carcass traits and certain blood indices. In Proc.of Egypt. Med. Vet. of Poultry diseases.



42. Hussein, A.M., Mousa, S.A., Ismail, Y.E., **Khaled, N.F.**(2018). Influence of Dietary inclusion of Palm kernel cake (PKC) with or without live *Saccharomyces cerevisiae* yeast (LY) on growth performance, rumen fermentation parameters and selected blood biochemical indices in Beef calves. *J. Egypt. Med. Vet. Assoc. (In Press)*.
43. Basant Mohsen Sobhi^{1*}, Esam Yousef Ismael¹, Ebtihal Elleithy², Mabrouk Elsabagh^{3,4}, **Khaled Nasr El-din Fahmy¹** (2020). Influence of Combined Yeast-derived Zinc, Selenium and Chromium on Performance, Carcass Traits, Immune Response and Histomorphological Changes in Broiler Chickens. *Journal of Advanced Veterinary Research* Volume 10, Issue 4 (2020) 233-240
44. Basant Mohsen Sobhi^{1*}, Esam Yousef Ismael¹, Ebtihal Elleithy², Mabrouk Elsabagh^{3,4}, **Khaled Nasr El-din Fahmy¹** (2020). Effect of Nano-hydroxyapatite as an Alternative to Inorganic Dicalcium Phosphate on Growth Performance, Carcass Traits, and Calcium and Phosphorus Metabolism of Broiler Chickens. *Journal of Advanced Veterinary Research* Volume 10, Issue 4 (2020) 250-256
45. Elshaimaa Ismael, Eman M Ismail, Hanan Saad Khalefa, Ebtihal M M Elleithy, Sherif Hamed Elmosalamy*, Sherif Marouf and **Khaled Nasr El-din Fahmy** (2021). Evaluation of *Saccharomyces cerevisiae* Yeast Fermentate and Xylanase in Reduced Energy Diet Fed to Broiler Chicken. *International journal of Veterinary science* (In press)



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