

Curriculum Vitae (C. V.)

Personal data:

Name: Wasseem Mosaad Elsayed Hassan Khattab

Date of birth: 24/9/1981

Place of birth: Giza, Egypt

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Monchaat Bakhaty, Shebin Elkom, Monofiya, Egypt.

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Academic Title and University Position:

Lecturer of Animal, Poultry, Fish Feeding and Deficiency Diseases at Department of Nutrition and Clinical Nutrition

Researcher/Post-Doctoral Fellow

Work Address:

Faculty of Veterinary Medicine, Benha University,

Moshtohor, Takh, Qalubia, Egypt

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University Qualifications (Education):

Degree obtained	Institution	Year
Bachelor of Veterinary Medical Science (B. V. Sc.)	Faculty of Veterinary Medicine, Sadat City, Monofiya University.	2003

Master Degree of Veterinary Medical Science (M. V. Sc.)	Nutrition and Clinical Nutrition Department, Faculty of Veterinary Medicine, Benha University	2008
PhD Degree of Veterinary Medical Science (PhD. V. Sc.)	Nutrition and Clinical Nutrition Department, Faculty of Veterinary Medicine, Benha University	2014

Master Degree of Veterinary Medical Science:

- **Major specialty:** Animal, Poultry, and Fish Feeding and Nutritional Deficiency Diseases.
- **Minor specialty:** “Some Studies on Fish Nutrition”.

PhD Degree of Veterinary Medical Science:

- **Major specialty:** Animal, Poultry, and Fish Feeding and Nutritional Deficiency Diseases.
- **Minor specialty:** “Effects of Dietary Dried Distiller's Grains with Solubles (DDGS) Inclusion and Enzymes Supplementation on Some Parameters of Rabbit Productivity”.

Positions and Academic Role:

Position	Year	Department	Organization	Academic Role
Demonstrator	2004	Nutrition and Clinical Nutrition	Faculty of Veterinary Medicine, Benha University	Teaching Research
Assistant Lecturer	2008	Nutrition and Clinical Nutrition	Faculty of Veterinary Medicine, Benha University	Teaching Research
Lecturer	2014	Nutrition and Clinical Nutrition	Faculty of Veterinary Medicine, Benha University	Teaching Research

Professional and Practical Skills in Academic Positions:

Teaching Nutrition and Clinical Nutrition courses:

- **Nutritional Terms**
- **Feed Analyses**
- **Feed Evaluation**
- **Food Energy**
- **Classification of Feedstuffs**

- **Ration Formulation for Farm Animals**
 - **Feed Preparation and Processing**
 - **Feed Manufacturing Techniques**
 - **Feed Additives**
 - **Feed Safety and Hygiene**
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Areas of Research

- Fish Nutrition
 - Rabbits Nutrition
 - Rabbit Cecum Microbiology
 - Ruminants Nutrition
 - Rumen Microbiology
 - Lipid Metabolism in Rumen
 - Biohydrogenation of Fatty Acids in Rumen
 - Encapsulation of Fatty Acids to bypass the Rumen
 - Lipid Supplements to Rabbits and Ruminants
 - Feed Additives to Fish, Rabbits and Ruminants
 - Nanoparticles and Nanotechnology
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Language skills:

Arabic (Native Language): Excellent.

English: Very Good

TOEFL ITP (Institutional Testing Program):

Reading Comprehension	Listening Comprehension	Structure & Written Expression	Total Score
51	42	50	477

TOEFL iBT (Internet Based TOEFL):

Reading	Listening	Speaking	Writing	Total Score
19	16	18	14	67

Computer Skills:

International Computer Driving License certificate (ICDL) Certificate

Attended Training Courses, Workshops, Symposiums, and Conferences:

1. Advanced Applications in Veterinary Biotechnology Research Workshop "Principles and Concepts of Both Next Generation Sequencing and Capillary Electrophoresis". May–June, 2016, Faculty of Veterinary Medicine, Benha University.
 2. Quality Assessment Tools in Laboratories Workshop. March 2014, Faculty of Veterinary Medicine, Benha University.
 3. Scientific Publishing Workshop. March 2014, Faculty of Veterinary Medicine, Benha University.
 4. The 2nd Scientific Conference, Faculty of Veterinary Medicine (Moshtohor), Benha University, Veterinary Medicine and its Positive Role in Development, January 25-28, 2007, Benha-Ras Sedr, Egypt.
 5. The 1st Scientific Conference, Faculty of Veterinary Medicine (Moshtohor), Benha University, Veterinary Medicine is Protection and Development, September 1-4, 2004, Benha-Ras Sedr, Egypt.
 6. A member of Egyptian Rabbit Science Association.
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Awards, Honors, and Prizes:

1. Grantee of A Post-Doctoral Fulbright Scholar Program–(Academic Year 2019–2020) to conduct research in Southern Illinois University Carbondale, USA. Program of the U.S. Department of State with funding provided by the U.S. Government (Bureau of Educational and Cultural Affairs "Exchange Programs"), administered by Institute of International Education (IIE).
 2. Alltech Young Scientist Program 2014 Certificate of Participation.
 3. Alltech Young Scientist Program 2013 Certificate of Participation.
 4. Grantee of Joint Supervision PhD Scholarship from the Egyptian Ministry of Higher Education (2013) at Ghent University, Ghent, Belgium.
 5. Alltech Young Scientist Program 2012 Regional Winner, (2nd place in 2012 Africa and Middle-East Region Winner).
 6. Alltech Young Scientist Program 2011 Regional Winner, (3rd place in 2011 Africa and Middle-East Region Winner).
 7. Grantee of Partnership and Ownership initiative (**ParOwn**) A Pre-Doctoral Scholarship from the Egyptian Ministry of Higher Education (2011) at Southern Illinois University, Carbondale, Illinois, USA.
 8. Alltech Young Scientist Program 2010 Local Winner, (3rd place in 2010 Africa and Middle-East Location Winner).
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Training Courses in Foreign Countries:

1. Nanotechnology to develop nanoparticles. February, 2020. Southern Illinois University, Carbondale, USA.
2. Agilent Technologies for Fatty Acids Analysis using Gas Chromatography. March, 2013. Ghent University, Belgium.
3. Animal Nutrition *In Vitro* Studies "Batch Incubation and Continuous Culture Fermentation System". January, 2013. Ghent University, Belgium.
4. Fatty Acids Analysis using Shimadzu Gas Chromatography. February, 2012. Southern Illinois University, Carbondale, USA.
5. Volatile Fatty Acids Analysis using Shimadzu Micro-Gas Chromatography. February, 2012. Southern Illinois University, Carbondale, USA.
6. LECO technology for nitrogen and protein measurements. January, 2012. Southern Illinois University, Carbondale, USA.
7. ANKOM Technology for *In Vitro* True Digestibility using the DAISYP^{II} Incubator. December, 2011. Southern Illinois University, Carbondale, USA.
8. ANKOM Technology for gas fermentation measurement. December, 2011. Southern Illinois University, Carbondale, USA.
9. ANKOM Technology for feed analytical testing. November, 2011. Southern Illinois University, Carbondale, USA.
10. Animal Nutrition *In Vitro* Studies "Batch Incubation and Continuous Culture Fermentation System". September, 2011. Southern Illinois University, Carbondale, USA.

Publications:

1. Sabry M. El-Bahr, Saad Al-Sultan, Mohammed A. Alfattah, Ahmed Shehab, Islam Sabeq, Saad Shousha, Omar Ahmed-Farid, Osama El-Garhy, Khalid A. Albusadah, Sameer Alhojaily and **Wasseem Khattab** (2021) Influence of dietary combinations of *Amphora coffeaeformis* with linseed oil or sunflower oil on performance, fatty and amino acid profiles, oxidative stability and meat quality of broiler chickens, Italian Journal of Animal Science, 20:1, 1587-1600; <https://doi.org/10.1080/1828051X.2021.1983736>
2. **Wasseem Khattab**, Ahmed Hamad , Ahmed H. Khalil, Saad Shousha, Abdelrahman M. Abdelgawad, Sabry M. El-Bahr, Ahmed Shehab, Tamer M.M. Hassan, Islam I. Sabeq 2021. Ultrasound Changes in Meat Yield of Shami Goats (*Capra aegagrus hircus*) fed Diet supplemented with Zinc Oxide Nanoparticles. Small Ruminant Research, Vol. 203, 2021; <https://doi.org/10.1016/j.smallrumres.2021.106488>
3. El-Bahr, S.M.; Shousha, S.; Alfattah, M.A.; Al-Sultan, S.; **Khattab, W.**; Sabeq, I.I.; Ahmed Farid, O.; El-Garhy, O.; Albusadah, K.A.; Alhojaily, S.; Shehab, A. 2021. Enrichment of Broiler Chickens' Meat with Dietary Linseed Oil and Lysine Mixtures: Influence on Nutritional Value, Carcass Characteristics and Oxidative Stress Biomarkers. *Foods* **2021**, *10*(3), 618; <https://doi.org/10.3390/foods10030618>
4. El-Bahr, S.M.; Shousha, S.; **Khattab, W.**; Shehab, A.; El-Garhy, O.; El-Garhy, H.; Mohamed, S.; Ahmed-Farid, O.; Hamad, A.; Sabike, I. 2021. Impact of Dietary Betaine and Metabolizable Energy Levels on Profiles of Proteins and Lipids, Bioenergetics, Peroxidation and Quality of Meat in Japanese Quail. *Animals* **2021**, *11*, 117; <https://doi.org/10.3390/ani11010117>
5. Sabry Mohamed El-Bahr, Saad Shousha, Ibrahim Albokhadaim, Ahmed Shehab, **Wasseem Khattab**, Omar Ahmed-Farid, Osama El-Garhy, Abdelrahman Abdelgawad, Mehrez El-Naggar, Mahmoud Moustafa, Omnia Badr and Mohammad Shathele 2020. Impact of dietary zinc oxide nanoparticles on selected serum biomarkers, lipid peroxidation and tissue gene expression of antioxidant enzymes and cytokines in Japanese quail. *BMC Veterinary Research*, 16:349; <https://doi.org/10.1186/s12917-020-02482-5>

6. Sabry El-Bahr, Saad Shousha, Ahmed Shehab, **Wasseem Khattab**, Omar Ahmed-Farid, Islam Sabike, Osama El-Garhy, Ibrahim Albokhadaim and Khaled Albosadah 2020. Effect of Dietary Microalgae on Growth Performance, Profiles of Amino and Fatty Acids, Antioxidant Status, and Meat Quality of Broiler Chickens. *Animals* **2020**, *10*(5), 761; <https://doi.org/10.3390/ani10050761>
7. Bruno Vlaeminck, **Wasseem Khattab** and Veerle Fievez 2015. Is ruminal *trans*-11-18:1 accumulation a prerequisite for *trans*-10-18:1 production? *Journal of Animal Production Science*, 55, (2): 225-230. <https://doi.org/10.1071/AN14331>
8. Gunal M., Ishlak A., AbuGhazaleh A. A., and **Khattab W.** 2014. Essential Oils effect on rumen fermentation and biohydrogenation under *in vitro* conditions. *Czech J. of Anim. Sci.*, 59, 2014 (10): 450-459. <https://doi.org/10.17221/7708-CJAS>
9. **Khattab W.**, Fievez V., Vlaemink B., AbuGhazaleh A., Zahran K., Adel-Fattah F., and Ahmed T. 2014. Dried Distiller's Grains With Solubles (DDGS) Inclusion And Allzyme SSF[®] Supplementation In Growing-Finishing Rabbit Diets: 2. Impact On Meat Chemical Composition. *Benha Veterinary Medical Journal*, 26 (1): 177-184.
10. **Khattab W.**, AbuGhazaleh A., Fievez V., Zahran K., Adel-Fattah F., and Ahmed T. 2014. Dried Distiller's Grains With Solubles (DDGS) Inclusion And Allzyme SSF[®] Supplementation In Growing-Finishing Rabbit Diets: 1. Impact On Growth Performance. *Benha Veterinary Medical Journal*, 26 (1): 171-177.