

Maha Ibrahim Hamed Ibrahim

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Animal Medicine Department- Faculty of Veterinary Medicine- Assiut University- Assiut, Egypt.

1-Education:

| Degree | Year | Discipline | Institute |
|------------|------|---------------------------------|-------------------|
| B. V. Sc. | 2000 | Veterinary Medicine and Surgery | Assiut University |
| M. V. Sc. | 2005 | Camel Infectious diseases | Assiut University |
| PhD. V. Sc | 2009 | Tick-borne infections in camels | Assiut University |

* **Current position:** Associate Professor of Infectious Diseases in department of animal medicine- Faculty of Veterinary Medicine- Assiut University-Egypt.

- **The Master title:** "Epidemiological Studies on infectious skin affection of camels (Camelus Dromedarius) in Upper Egypt"

- **The PhD title:** "Tick-borne infection in camels in Upper Egypt"

2-Qualification Experience:

- **2000-2005:** worked as teaching assistant at department of Animal Medicine- Faculty of Veterinary Medicine- Assiut University.
- **2005 till end of 2009:** worked as assistant lecturer at department of Animal Medicine- Faculty of Veterinary Medicine- **Assiut University, Egypt**
- **2010 till 2013:** Assistant Professor of infectious diseases at department of Animal Medicine- Faculty of Veterinary Medicine- **Assiut University, Egypt**
- **2013till 2014:** worked as Postdoctoral fellow at Comparative Pathobiology department- college of Veterinary Medicine- **Purdue University, USA**
- **2014: 2015:** Associate Professor of infectious diseases at department of Animal Medicine- Faculty of Veterinary Medicine- **Assiut University, Egypt**
- **2015:2016** worked as Postdoctoral fellow at Comparative Pathobiology Department- College of Veterinary Medicine-**Purdue University, USA**
- **2016:2017:** Associate Professor of Infectious Diseases at Department of Animal Medicine- Faculty of Veterinary Medicine- **Assiut University, Egypt**
- **2018:** working as Associate academic visitor at Department of Emergent viruses- School of Veterinary Medicine- **Nottingham University, UK**
- Teaching of lectures and practical sections of Infectious Diseases courses for fourth and final year students at Faculty of Veterinary medicine-Assiut University.
- Performance of diagnosis and medical treatment of presented cases at Veterinary Teaching Hospital, Faculty of Veterinary Medicine, Assiut University.

- A staff member in summer training programs for students at villages of Upper Egypt (2000 – 2014).

3-List of Publication:

1. El-Allawy, T.A.; Laila, S.A. and **Hamed, Maha I.** (2006): Epidemiological studies on infectious skin affections of camels in Upper Egypt. Int. Sci. Conf. of camels 9-11 May (2006) Qassim University.
2. Zaitoun, A.M.A.; Raghieb, M.F.; Gad-El-Rab, H.M.; Fadia Abdelhameed; Wasel, F.A.; **Maha Hamed**; Amal Mokhtar and Yossef H.A. (2009): Microbial profile of Caseous Lymphadenitis of Camels, Sheep and Goats in Sohag Governorate, Egypt. 10th Sci. Cong., Egyptian Society for Cattle Diseases, 13-15 Dec. 2009, Assiut, Egypt.
3. **Maha I. Hamed**; Taha A.A. El-Allawy; Mourad I. Mourad and Ahmed M.A. Zaitoun. (2010): Evaluation of the health status of camels in relation to the degree of tick infestation. The 25th meeting of the Saudi Biological Society titled Nanotechnology in life sciences. In corporation with camel research center at King Faisal University and King Abdullah Institute for Nanotechnology at King Saud University hosted by King Faisal University Al-Ihsaa, 11-13 May 2010, Al-Ihsaa, Saudi Arabia.
4. **Maha. I. Hamed**; A.A. Zaitoun; T.A.A. El-Allawy and M.I. Mourad. (2010): Epizootiological studies on tick infestation among dromedary camels in Upper Egypt. Assiut Veterinary Medical Journal, volume 56, No.127, October 2010.
5. **Maha I. Hamed**; Taha A.A. El-Allawy; Mourad I. Mourad and Ahmed M.A. Zaitoun. (2010): Relationship between the degree of tick infestation and camel health. 14th Scientific Congress, Faculty of Veterinary Medicine- Assiut University. 30 Nov. - 2 Dec. 2010, Assiut, Egypt.
6. **Maha. I. Hamed**; A.A. Zaitoun; T.A.A. El-Allawy and M.I. Mourad. (2011): Investigation of Theileria camelensis in camels infested by Hyalomma dromedarii ticks in Upper Egypt. Journal of Advanced Veterinary Research, volume 1, issue 1, April 2011.
7. **Maha I. Hamed**, Mahmoud R. Abd Ellah, (2011): STUDIES ON CONTAGIOUS SKIN NECROSIS AND TRYPANOSOMOSIS IN CAMELS, XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 889-891, July, 2011.
8. **Maha I. Hamed**, A.M.A. Zaitoun (2011): Conventional and molecular detection of subclinical mastitis associated with Staphylococcus aureus in dairy buffaloes at different lactation seasons. 11th Sci. Cong. Egyptian Society for cattle Diseases, 5-8 Dec., Luxor, Egypt.
9. **Maha I. Hamed**, Mahmoud R. Abd Ellah (2012): Effect of Contagious Skin Necrosis and Trypanosomosis on Health Status of Camels. Journal of Animal and Veterinary Advances, 11(2): 284-288.
10. **Maha I. Hamed**, Abd Ellah M.R., Rateb, H.Z. (2013): Helminthiasis: prevalence and associated determinants in buffaloes farms in Assiut, Egypt. XX International Congress

of Mediterranean Federation of Health and Production of Ruminants. Faculty of Vet. Med. Assiut University. Egypt 19-22 February 2013.

11. N.E. Waly, **M.I. Hamed**, R.K. Sayed (2013): Efficacy of Ivermectin Injection, Canaural Ear Drops and Frontline Combo in Treatment of Ear-mite-Induced Otitis Externa in Cats. ACVIM Forum, Seattle, Washington, June 12-15, 2013.
12. M.R. Abd Ellah, **Maha I. Hamed** & R.I. Derar (2013) Serum biochemical and hematological reference values for midterm pregnant buffaloes, Journal of Applied Animal Research, 41:3, 309-317, DOI: 10.1080/09712119.2013.782870
13. M. R. Abd Ellah & **Maha I. Hamed** & Derar R. I. (2013): Serum biochemical and hematological reference values for lactating buffaloes. Comp Clin Pathol, DOI 10.1007/s00580-013-1760-2.
14. M. R. Abd Ellah & **Maha I. Hamed** & Derar R. I. and Rateb, H.Z. (2013): Reference Value for Hematological and Serum Biochemical Constituents in Buffalo's heifers. XX International Congress of Mediterranean Federation of Health and Production of Ruminants. Faculty of Vet. Med. Assiut University. Egypt 19-22 February 2013.
15. M. R. Abd Ellah & **Maha I. Hamed** & Derar R. I. and Rateb, H.Z. (2013): Reference Value for Hematological and Serum Biochemical Constituents in Late Pregnant Buffaloes. Assiut Vet. Med. J. 59(136): 35-46.
16. Wei Lv, Biplab Banerjee, Katrina L. Molland, Mohamed N. Seleem, Adil Ghafoor, **Maha I. Hamed**, Baojie Wand, Scott G. Franzblau, Andrew D. Mesecar, Mark Cushman. (2014): Synthesis of 3-(3-aryl-pyrrolidin-1-yl)-5-aryl-1,2,4-triazines that have antibacterial activity and also inhibit inorganic pyrophosphatase. Bioorganic & Medicinal Chemistry 22 (2014) 406–418.
17. Abd Ellah, M.R., **Hamed, M.I.**, Ibrahim, D.R. & Rateb, H.Z. (2014): Serum biochemical and hematological reference intervals for water buffalo (*Bubalus bubalis*) heifers'. Journal of the South African Veterinary Association 85(1), Art. #962, 4 pages. <http://dx.doi.org/10.4102/jsava.v85i1.962>.
18. **Maha I. Hamed** and A. M. A. Zaitoun (2014): Prevalence of Staphylococcus aureus Subclinical Mastitis in Dairy Buffaloes Farms. International Journal of Livestock Research ISSN 2277-1964 ONLINE Vol 4(3) June'14 Page21.
19. Mohamed F. Mohamed, **Maha I. Hamed**, Alyssa Panitch, Mohamed N. Seleem. (2014): Targeting Methicillin-Resistant Staphylococcus aureus with Short Salt-Resistant Synthetic Peptides. Antimicrobial Agents and Chemotherapy, July 2014 Volume 58 Number 7.
20. **Maha I. Hamed**, Hanan K. Elsayed, Zeinab M. Ahmed and Mohamed N. Seleem. (2014): Antimicrobial Sensitivity of the Isolated Bacteria from Bovine Mastitis Cases. XXI International Congress of the Mediterranean Federation for Health and Production of Ruminants. APRIL 23rd – 26th, 2014 Cartagena, Spain.
21. **Maha I. Hamed**, Omar A.K. Amen, Hassan Z. Rateb (2014): Detection of Avian Influenza Virus H5N1 in Horses at Assiut Governorate, Egypt. Journal of Advanced Veterinary Research. Volume 4, Issue 4 (2014) 161-165.

22. **Maha I. Hamed**; Haroon Mohammad; Wendy Townsend and Mohamed N. Seleem (2014): ITS2 REGION-BASED MOLECULAR IDENTIFICATION OF FUNGAL PATHOGENS IN EQUINE CORNEAL ULCERATION. *Assiut Vet. Med. J.* Vol. 60 No. 143 October 2014.
23. **M. I. Hamed**, R. K. Sayed and N. E. Waly (2015): Evaluation of the clinical efficacy of three medications used for treatment of ear mite-induced otitis externa in cats: a Preliminary study. *Assiut Veterinary Medical Journal*. 61(144): 1-9.
24. Shankar Thangamani, Haroon Mohammad, Mostafa F.N. Abushahba, **Maha I. Hamed**, Tiago J. P. Sobreira, Victoria E. Hedrick, Lake N. Paul and Mohamed N. Seleem (2015): Exploring simvastatin, an antihyperlipidemic drug, as a potential topical antibacterial agent. *Scientific Reports* | 5:16407 | DOI: 10.1038/srep16407.
25. **Maha I. Hamed**, Hanan K. Elsayed (2016): Mastitogenic Bacteria Isolated from Clinical Mastitis Cases Associated with Teat Lesions and their Antimicrobial Sensitivity. *Journal of Advanced Veterinary Research* Volume 6, Issue 2 (2016) 65-71.
26. **M. I. Hamed** (2016): Detection of Gastrointestinal parasites in a private farm of one-humped camels regularly treated with ivermectin at Assiut, Egypt. XXVI International Congress of The Hungarian Association for Buiatrics. University of Veterinary Science, Budapest, October 9-12, 2016.
27. Sylvia O. Ahmed, **Maha I. Hamed**, Doaa A. Yones (2016): Molecular and Conventional Detection of Zoonotic Giardia and Cryptosporidium in Children and Calves in Upper Egypt. *American Journal of Infectious Diseases and Microbiology*, 2016, Vol. 4, No. 4, 91-94.
28. Mohamed F. Mohamed, **Maha I. Hamed**, Alyssa Panitch, Mohamed N. Seleem (2016): New Drug for Bad Bug: Combating Methicillin-Resistant *Staphylococcus aureus* (MRSA) With De Novo Peptides. 13th Sc. Cong. Egyptian Society for Cattle Diseases. 1 - 4 Feb. 2016, Hurghada, Egypt.
29. Mahmoud R. Abd Ellah, **Maha I. Hamed**, Derar R. Ibrahim, Hassan Z. Rateb (2016): Studying the Effect of Gender on Hematological and Serum Biochemical Constituents in Buffaloes. 13th Sc. Cong. Egyptian Society for Cattle Diseases. 1 - 4 Feb. 2016, Hurghada, Egypt.
30. **Maha I. Hamed**, Terri L. McCalla, Wendy M. Townsend, Mohamed N. Seleem (2017): *Staphylococcus pseudintermedius* Isolated from Two Dog Cases with Ophthalmic Lesions. *American Journal of Infectious Diseases and Microbiology*, 2017, Vol. 5, No. 4, 132-136. DOI:10.12691/ajidm-5-4-2.
31. Abdelbaset E. Abdelbaset, Mostafa F.N. Abushahba, **Maha I. Hamed**, Mohamed S. Rawy (2018): Sero-diagnosis of brucellosis in sheep and humans in Assiut and El-Minya governorates, Egypt. *International Journal of Veterinary Science and Medicine*. <https://doi.org/10.1016/j.ijvsm.2018.01.007>
32. **Maha I. Hamed** (2018): Ivermectin resistance in intestinal parasites of camels in a private farm at Assiut, Egypt. *Comparative Clinical Pathology*. <https://doi.org/10.1007/s00580-018-2725-2>

4-Attended programs/ workshops:

- **2006** Workshop on (Conventional PCR to Real-time PCR), The molecular biology research unit of Assiut University.
- **2008** Workshop on Enzyme linked immuno-sorbent assay ELISA Principles and different application, the molecular biology research unit of Assiut University.
- **2010** Workshop on (Principles and Applications of DNA sequencing and cloning) the molecular biology research unit of Assiut University.
- **2010** Workshop on (From Gene to Protein) the molecular biology research unit of Assiut University.
- **2012** MATLAB training course (36 hours). High Availability Super Computer center. Faculty of Science.
- **2012** Medical Fungi. Mycology Center. Faculty of Science.
- **2015** Tissue culture. Faculty of Science.
- **2018** computational drug discovery. Faculty of Pharmacy.

5-Awards:

The best research Award in Young researcher's session in the 14th Scientific Congress, Faculty of Veterinary Medicine- Assiut University. 30 Nov. - 2 Dec. 2010, Assiut, Egypt.

6-Projects and Grants:

- 1- Member of the research team of Grants-in-Aid for Basic and applied research project (ID 2947) from Science and Technology Development Fund (STDF), Ministry of Scientific research, Egypt. (Serum Biochemical and Hematological Reference Values for Buffaloes in Egypt) from 5-2011 to 6-2013.
- 2- Postdoctoral fellowship Grant from the Egyptian Government to Purdue University, USA for 6 months starting from April to October 2013.
- 3- Borlaug scholarship US Department of Agriculture (USDA) for 2014 Egypt Scientific Exchange Scholar Program (Egypt SESP) from April to July 2015.
- 4- Postdoctoral fellowship Grant from the Egyptian Government to Nottingham University, Uk for 6 months starting from February to August 2018.

7-Conferences Attended:

- 1- XXVI International Congress of The Hungarian Association for Buiatrics. University of Veterinary Science, Budapest, October 9-12, **2016**.
- 2- The Eight International Conference for Development and Environment in the Arab World. March 22-24, **2016** Hurghada- Egypt.
- 3- The first international conference on Multidisciplinary research. 28-31 October **2015**, Porto Sokhna Resort, Ain Sokhna-Egypt.

- 4- XX International Congress of the Mediterranean Federation for Health and Production of Ruminants. APRIL 23rd – 26th, **2014** Cartagena, Spain.
- 5- Purdue Veterinary Medicine Fall Conference, September 10-14, **2013**. West Lafayette, Indiana, USA
- 6- ACVIM Forum, Seattle, Washington, USA. June 12-15, **2013**.
- 7- The 26th Annual Phi Zeta Research Day. April 15, **2013**. Purdue University, West Lafayette, Indiana, USA.
- 8- Fifth HOPE meeting with Nobel Laureates. Tokyo, Japan, 26 February to 2 March **2013**.
- 9- XX International Congress of Mediterranean Federation of Health and Production of Ruminants. Faculty of Vet. Med. Assiut University. Egypt 19-22 February **2013**.
- 10- The 7th international scientific congress, Faculty of Veterinary Medicine- El-Mansora University 28-30 August **2012**.
- 11- XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 889-891, July **2011**.
- 12- The 10th, 11th, 12th, 13th, 14th, 15th, 16th Scientific Congress, Faculty of Veterinary Medicine- Assiut University (2002, 2004, 2006, 2008, **2010, 2012, 2014, 2016**).
- 13- The 7th, 8th, 9th, 10th, 11th Scientific Congress of the Egyptian Society for Cattle Diseases (2003, 2005, 2007, **2009, 2011, 2016**).

8-Oral and Poster presentations:

1. **Maha I. Hamed**; Taha A.A. El-Allawy; Mourad I. Mourad and Ahmed M.A. Zaitoun. (2010): Relationship between the degree of tick infestation and camel health. 14th Scientific Congress, Faculty of Veterinary Medicine- Assiut University. 30 Nov. - 2 Dec. 2010, Assiut, Egypt. ^o
2. **Maha I. Hamed**, Mahmoud R. Abd Ellah, (2011): STUDIES ON CONTAGIOUS SKIN NECROSIS AND TRYPANOSOMOSIS IN CAMELS, XVth International Congress on Animal Hygiene, Animal Hygiene and Sustainable Livestock Production, Vienna, Austria - July 3 - 7, 889-891, July 2011. ^P
3. **Maha I. Hamed**, A.M.A. Zaitoun (2011): Conventional and molecular detection of subclinical mastitis associated with Staphylococcus aureus in dairy buffaloes at different lactation seasons. 11th Sci. Cong. Egyptian Society for cattle Diseases, 5-8 Dec., Luxor, Egypt. ^o
4. **Maha I. Hamed**, Abd Ellah M.R., Rateb, H.Z. (2013): Helminthiasis: prevalence and associated determinants in buffalo's farms in Assiut, Egypt. XX International Congress of Mediterranean Federation of Health and Production of Ruminants. Faculty of Vet. Med. Assiut University. Egypt 19-22 February 2013. ^o

5. N.E. Waly, **M.I. Hamed**, R.K. Sayed (2013): Efficacy of Ivermectin Injection, Canaural Ear Drops and Frontline Combo in Treatment of Ear-mite-Induced Otitis Externa in Cats. ACVIM Forum, Seattle, Washington, June 12-15, 2013. ^P
6. S. Thangamani*, **M. I. Hamed** & M. N. Seleem. (2013). Teaching an old drug a new Trick. Next Generation Scholars Research Fair, Purdue University. Nov 21, West Lafayette, IN, USA. ^P
7. M. Mohamed*, **M. I. Hamed**, A. Panitch & M. N. Seleem. (2014). Targeting methicillin-resistant *Staphylococcus aureus* with short de novo peptides. Sigma Xi, the scientific research society Purdue, February 12, West Lafayette, IN, USA. ^P
8. S. Thangamani*, **M. I. Hamed** & M. N. Seleem. (2014). Old Drug for Bad Bugs. Sigma Xi, the scientific research society Purdue, February 12, West Lafayette, IN, USA. ^P
9. S. Thangamani*, M. Abushahba **M. I. Hamed** & M. N. Seleem. (2014). Beating Bad bugs with old drugs. Health and Disease: Science, Culture, Policy Research Poster Session, March 31, West Lafayette, IN, USA. ^P
10. S. Thangamani*, M. Abushahba **M. Hamed** & M. N. Seleem. (2014). The 6th Annual Interdisciplinary Graduate Program Spring Reception, Purdue Office of Interdisciplinary Graduate Programs, April 2, West Lafayette, IN, USA. ^P
11. M. Mohamed*, **M. Hamed**, A. Panitch & M. N. Seleem. (2014). New Drug for Bad Bug: Combatting Methicillin-Resistant *Staphylococcus aureus* (MRSA) with De Novo Peptides. The 6th Annual Interdisciplinary Graduate Program Spring Reception. April 2, West Lafayette, IN, USA. ^P
12. M. Mohamed, **M. Hamed**, Allyssa Panitch & M. N. Seleem. (2014). Targeting methicillin-resistant *Staphylococcus aureus* with short synthetic peptides: coupling membrane disruption with DNA binding. The 27th Annual Phi Zeta Research Day, Purdue College of Veterinary Medicine. April 14, West Lafayette, IN, USA. ^P
13. M. Mohamed, **M. Hamed**, Allyssa Panitch & M. N. Seleem. (2014). Targeting methicillin-resistant *Staphylococcus aureus* with short synthetic peptides: coupling membrane disruption with DNA binding. The 27th Annual Phi Zeta Research Day, Purdue College of Veterinary Medicine. April 14, West Lafayette, IN, USA. ^P
14. **Maha I. Hamed**, Hanan K. Elsayed, Zeinab M. Ahmed and Mohamed N. Seleem. (2014): Antimicrobial Sensitivity of the Isolated Bacteria from Bovine Mastitis Cases. XXI International Congress Of The Mediterranean Federation For Health And Production Of Ruminants. APRIL 23rd – 26th, 2014 Cartagena, Spain. ^O
15. Mohamed F. Mohamed, **Maha I. Hamed**, Alyssa Panitch, Mohamed N. Seleem (2016): New Drug for Bad Bug: Combating Methicillin-Resistant *Staphylococcus aureus* (MRSA) With De Novo Peptides. 13th Sc. Cong. Egyptian Society for Cattle Diseases. 1 - 4 Feb. 2016, Hurghada, Egypt. ^O
16. **M. I. Hamed** (2016): Detection of Gastrointestinal parasites in a private farm of one-humped camels regularly treated with ivermectin at Assiut, Egypt. XXVI International Congress of The Hungarian Association for Buiatrics. University of Veterinary Science, Budapest, October 9-12, 2016. ^O