



كلية الطب البيطري
جامعة القاهرة

وحدة ضمان الجودة



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Curriculum Vitae

Personal Data

- Name Ahmed Samir Mohamed Shehata
- Date of Birth February 19th. 1979
- Place of Birth Kuwait
- Citizenship Egyptian
- Address 6th of October – Giza – Arab Republic of Egypt
- Military Status: Exempted.



Contact Details

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- website:
 - <http://scholar.cu.edu.eg/ahmedsamir>

Educations

***Bachelor of Veterinary Medical Science (BVSc) September 2001**

Cairo University
Cairo, Egypt
Grade: Very Good

***Masters of Veterinary Medical Science (MVSc) April 2005**

Cairo University
Cairo, Egypt

Subject: **Microbiology** (Bacteriology, Immunology and Mycology)

Title of the thesis: Growth Requirements of Different Spirochetes Pathogenic to Man and Animals. (*Leptospira* spp. and *B. burgdorferi*)

Advisors:

1. Prof. Dr. M. Essam Hatem, BVSc. Ph.D. Professor and Head of the Department of Microbiology, Faculty of Veterinary Medicine, Cairo University.
2. Dr. Momtaz O. Wasfy, BVSc. Ph.D. former Head of Lab. Unit. Disease Surveillance Program. US Naval Medical Research Unit #3 (NAMRU-3). Cairo, Egypt.



وحدة ضمان الجودة



*Ph.D. in Veterinary Medical Science

August 2008

Cairo University

Cairo, Egypt

Subject: **Microbiology** (Bacteriology, Immunology and Mycology)

Title of the dissertation: Evaluation of Different Diagnostic Techniques in Spirochetal Diseases

Advisors:

1. Prof. Dr. M. Essam Hatem, BVSc. Ph.D. Professor and Head of the Department of Microbiology, Faculty of Veterinary Medicine, Cairo University.
2. Dr. Momtaz O. Wasfy, BVSc. Ph.D. former Head of Lab. Unit. Disease Surveillance Program. US Naval Medical Research Unit #3 (NAMRU-3). Cairo, Egypt.

Professional Positions

December, 2001 – March, 2005	Demonstrator of Microbiology Faculty of Veterinary Medicine Cairo University
April, 2005 – September, 2008	Assistant Lecturer of Microbiology Faculty of Veterinary Medicine Cairo University
October, 2008 – September, 2013	Lecturer of Microbiology Faculty of Veterinary Medicine Cairo University
October, 2013 – October, 2018	Assistant Professor of Microbiology Faculty of Veterinary Medicine Cairo University
November, 2018 – Present	Professor of Microbiology Faculty of Veterinary Medicine Cairo University
November, 2015 – December, 2016	Coordinator of the Strategic Planning Sector , affiliated to the Quality Assurance and Accreditation Unit , at the Faculty of Veterinary Medicine, Cairo University.
November, 2017 – Present	Director of Center of Applied Analytical and Veterinary Studies Faculty of Veterinary Medicine Cairo University



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Professional Consultation:

1. Consultant in **Police Academy (Ministry of Interior)**, veterinary sector and responsible for laboratory activities applied on police dogs
2. Consultant in **National Co. for Animal Production (Armed Forces)**, veterinary sector and responsible for laboratory activities and the scientific research center

Professional Affiliations:

1. A fellow of the Egyptian **Academy of Scientific Research and Technology (ASRT)**, Ministry of Higher Education. I am a member of the **Specialized Scientific Counsel (Animal Resources and Fisheries Researches Council)**, November 2015 – November, 2018.
2. A member of **American Society for Microbiology (ASM)**, 2007 – present.
3. A member of **International Leptospirosis Society (ILS)**, May 2009 – present.
4. A member of **Egyptian Society of Microbiology and Immunology**, 2015 – present.



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Conferences:

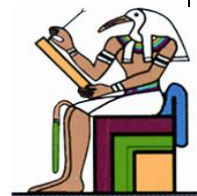
1. A member of the scientific committee and actively participated in the organization of the **(5th International Scientific Conference) Cairo-Hurghada, on (Hot Spots in Veterinary Medicine)** organized by the Faculty of Veterinary Medicine, Cairo University, **February, 2016**
2. A member of the scientific committee and actively participated in the organization of the **(4th International Scientific Conference)** at Alexandria, on **(Challenges and Opportunities in the Field of Veterinary Medicine)** organized by the Faculty of Veterinary Medicine, Cairo University, **October, 2014.**
3. Invited **speaker** and attendant in the **1st International Forum for Scientific Research**, organized by Cairo University, **13 – 16 December 2010.** My research entitled “Concurrent Infections in Acute Febrile Illness Patients in Egypt”
4. A member of the organization committee and attendant in the **10th Scientific (2nd International) Conference** at Hurghada, on the **Current Challenges and Future Prospects of Veterinary Medicine “Towards One World, One Health”**, organized by the Faculty of Veterinary Medicine, Cairo University, **19 – 22 October 2009.**
5. Attendant in the **2nd International Conference for Applications of Biotechnology**, organized by October University for Modern Sciences and Arts (MSA) and University of Greenwich, **18 – 19 October 2009.**
6. Attendant in the **1st International Conference for Applications of Biotechnology**, organized by October University for Modern Sciences and Arts (MSA) and University of Greenwich, **18 – 19 October 2008.**
7. Invited **speaker** and attendant in the **9th Scientific (1st International) Conference** at Sharm El-Sheikh, on the **Emerging Zoonotic Diseases and Human Health**, organized by the Faculty of Veterinary Medicine, Cairo University, **24 – 27 April 2007.** My research entitled **"Leptospirosis; an important zoonotic disease affecting public health"** had been assigned by the conference committee as the best research in the relevant session.
8. Attendant in the **1st International Conference of the Quality Assurance and Accreditation Center (QAAC), Cairo University on the Quality and Accreditation; The present and Prospective, 15 April 2008.**

Training Courses and Workshops:

1. I have participated in the organization of the training course on **"Laboratory Diagnosis of Poultry Diseases"** organized by Center of Applied Analytical and Veterinary Studies (CAAVS) in cooperation with Biotechnology Center for Services and Researches (BCSR), Cairo University, **4 – 6 November, 2018**



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2. I have participated in the organization of the training course on "**Laboratory Diagnosis of Poultry Diseases**" organized by Center of Applied Analytical and Veterinary Studies (CAAVS) in cooperation with Biotechnology Center for Services and Researches (BCSR), Cairo University, **24 – 25 December, 2017**
3. I have participated in the organization of the training course on "**Laboratory Diagnosis of Poultry and Animal Diseases**" organized by Center of Applied Analytical and Veterinary Studies (CAAVS) in cooperation with Biotechnology Center for Services and Researches (BCSR), Cairo University, **19 – 21 March, 2017.**
4. I have participated in a workshop on "**Strategic Planning**" organized by the Quality Assurance Unit, Faculty of Veterinary Medicine, Cairo University, **November, 2015.**
5. I have participated in the organization of the training course on "**Isolation and Identification of Bacterial Pathogens**" organized by Center of Applied Analytical and Veterinary Studies (CAAVS), Cairo University, **14 – 15 October, 2014**
6. I have participated in the organization of the training course on "**Isolation and Identification of Bacterial Pathogens**" organized by Center of Applied Analytical and Veterinary Studies (CAAVS), Cairo University, **19 – 20 November, 2014**
7. I have participated in the organization of the training course on "**Microbiological and Serological Laboratory Examination of Poultry Diseases**" organized by Expanded Applied Research Unit for Immunological Preparations (EARU-IP), Department of Microbiology, Faculty of Veterinary Medicine, Cairo University, **3 – 9 March, 2014**
8. I have participated in the organization of the "**1st Pfizer laboratory training**" that held in the Expanded Applied Research Unit for Immunological Preparations (EARU-IP), Department of Microbiology, Faculty of Veterinary Medicine, Cairo University, **30 September – 3 October, 2012**
9. I have participated in the organization of the training course on "**ELISA, principle and applications**" organized by Biotechnology Center for Services and Researches (BCSR), Cairo University, **19 – 21 February, 2012.**
10. I have participated in the training workshop on "**New Trends in Biotechnology BTC – 010**" organized by the Biotechnology Center, Faculty of Pharmacy, Cairo University, **22 – 23 November, 2010.**
11. I have participated in the theoretical activities of a workshop on "**Antimicrobial Resistance Among Bacterial Pathogens: Mechanisms, Detection and Molecular Epidemiology**" organized by the American Society for Microbiology (ASM), European Society of Clinical Microbiology and Infectious Diseases (ESCMID), SPICEGYPT and Faculty of Medicine, Cairo University, **1 – 3 October, 2009.**



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12. I have participated in the organization of the training course on "**Application of modern immunodiagnostic techniques for diagnosis of micro-organisms causing diseases**" organized by Biotechnology Center for Services and Researches (BCSR), Cairo University, **26 – 30 April, 2009**.
13. I have participated in the organization of the training course on "**Polymerase chain reaction and its different applications**" organized by Biotechnology Center for Services and Researches (BCSR), Cairo University, **5 – 9 April, 2009**.
14. I have participated in the organization of the training course on "**Polymerase chain reaction and its different applications**" organized by Biotechnology Center for Services and Researches (BCSR), Cairo University, **9 – 13 November, 2008**.
15. I have participated in the organization of the training course on "**Application of modern technology for diagnosis of infectious agents**" organized by Biotechnology Center for Services and Researches (BCSR), Cairo University, **26 – 31 July, 2008**.
16. I have attended a course on "**Molecular Diagnostic Microbiology**" organized by the Department of Microbiology, Faculty of Veterinary Medicine, Cairo University, **June, 2005**.



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Publications:

1. Ismail T. F., Wasfy M. O., Adul-Rahman B., Murray C. K., Hospenhal D. R., Abdel-Fadeel M., Abdel-Maksoud M., **Samir, A.**, Hatem M. E., Klena J., Pimentel G., El-Sayed N. and Hajjeh R. **2006**. Retrospective Serosurvey of Leptospirosis among Acute Febrile Illness and Hepatitis Patients in Egypt. **American Journal of Tropical Medicine and Hygiene. 75: 1085-1089**
2. Parker, T. M., Murray, C. K., Richards, A. K., **Samir, A.**, Ismail, T.F, Abdel-Fadeel, M., Ju Jiang, Wasfy, M. O., and Pimentel, G. **2007**. Concurrent Infections in Acute Febrile Illness Patients in Egypt. **American Journal of Tropical Medicine and Hygiene. 77 (2): 390–392**
3. Murray, C. K., Pimentel, G., Parker, T., Beckius, M. L., **Samir, A.**, Abdel-Rahman B., Mende, K., Galloway, R. L. and Hospenhal D. R. **2008**. Antimicrobial Susceptibilities of Clinical Human Isolates of *Leptospira* From Egypt. **57th** Annual meeting of the American Society of Tropical Medicine and Hygiene. **American Journal of Tropical Medicine and Hygiene. 79 (6): 78. Meeting abstract: 266.**
4. Murray, C. K., Gray, M. R, Mende, K., Pimentel, G., Parker, T., **Samir, A.**, Abdel-Rahman B., and Hospenhal D. R. **2009**. Evaluation of The Use of Egyptian *Leptospira* Isolates in The Microscopic Agglutination Testing (MAT) Diagnosis of Leptospirosis. **58th** Annual meeting of the American Society of Tropical Medicine and Hygiene. **American Journal of Tropical Medicine and Hygiene. 81 (5): 76. Meeting abstract: 269.**
5. Girgis, A. S., Flora, F. B., and **Samir, A.** **2009**. Regioselective Synthetic Approaches Towards 1,2,8,9-tetraazadispiro[4.1.4.2] trideca-2,9-dien-6-ones of Potential Antimicrobial Properties. **European Journal of Medicinal Chemistry. 44: 2447–2451.**
6. Wahby, Ph., Ezz El-deen, N. A, Mohamed Kh. F, **Samir, A.**, El Hariri, M., Fekry, A. and Soliman, R. **2010**. Production of Polyvalent Region-Specific Antivenom. **American Eurasian Journal of Toxicological Sciences. 2 (2): 62 – 71.**
7. Fahmy, A. F., Mohamed Kh. F, **Samir, A.**, Azab, A. M. and Selim, S. A. **2010**. Preparation of a Combined Vaccine for a Clostridial Diseases and Rabies in Sheep. **Global Veterinaria. 4 (5): 463 – 473.**
8. Ezz El-deen, N. A., Sabry, M. A. and **Samir, A.** Detection of Leptospirosis Among Acute Febrile Patients and Rats in Giza, Egypt. **2010. Journal of Egyptian Veterinary Medical Association. 70 (1): 95 – 101.**



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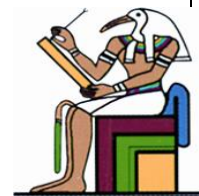


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9. El-Tras, W. F., Tayel, A. A., and **Samir, A.**, 2010. Potential Zoonotic Pathways of *Salmonella* Enteritidis in Laying Farms. **Vector-borne and Zoonotic Diseases**. **10** (8): 739 – 742.
10. Felt, S. A., Wasfy M. O., El-Tras, W. F., **Samir, A.**, Adel Rahman, B., Boshra, M., Parker, T. M., Hatem M. E., El-Bassiouny, A. A., Murray C. K., and Pimentel, G. 2011. Cross-Species Surveillance of *Leptospira* in Domestic and Peri-Domestic Animals in Mahalla City, Gharbeya Governorate, Egypt. **American Journal of Tropical Medicine and Hygiene**. **84** (3): 420 – 425.
11. Murray C. K., Gray, M. R., Mende, K., Parker, T. M., **Samir, A.**, Adel Rahman, B., Habashy, E. E., Hospenthal D. R., and Pimentel, G. 2011. Use of Patient-Specific *Leptospira* Isolates in the Diagnosis of Leptospirosis Employing Microscopic Agglutination Testing (MAT). **Transactions of the Royal Society of Tropical Medicine and Hygiene**. **105** (4): 209 – 213.
12. Abdel-moein, K. A. and **Samir, A.**, 2011. Isolation of Enterotoxigenic *Staphylococcus aureus* from Pet Dogs and Cats: A Public Health Implication. **Vector-borne and Zoonotic Diseases**. **11** (6): 627 – 629.
13. Saied, T., Elkholy, A., Hafez, S. F., Basim, H., Wasfy, M. O., El-Shoubar,y W., **Samir, A.**, Pimentel, G., Talaat, M. 2011. Antimicrobial resistance in pathogens causing nosocomial bloodstream infections in university hospitals in Egypt. **American Journal of Infection Control**. **39** (9): e61 – e65.
14. Marwa, M., Moussa, I., M., Mohamed, Kh., F., **Samir, A.**, Nasr, E. A., Ashgan, M., M., AlRejaie, and Hatem, M., E. 2011. BACTEC MGIT 960 TM system for screening of *Mycobacterium tuberculosis* complex among cattle. **African Journal of Biotechnology**. **10** (63): 13919 – 13923.
15. Abdel-moein, K. A., El-Hariri, M. and **Samir, A.**, 2012. Methicillin-Resistant *Staphylococcus aureus*: An Emerging Pathogen of Pets in Egypt with a Public Health Burden. **Transboundary and Emerging Diseases**. **59** (4): 331 – 335.
16. Osman, K. M., Marouf, S. H., **Samir, A.** and AlAtfeehy, N. 2012. The prevalence of multidrug resistance of various numbers of antimicrobial classes, multiple resistance patterns, and distribution of *Salmonella* isolates from human and avian clinical cases of diarrhea. **Journal of Chemotherapy**. **24** (5): 300 – 304.
17. **Samir, A.** and Wasfy, M. 2013. A Simple Technique for Long-Term Preservation of *Leptospira*. **Journal of Basic Microbiology**. **53** (3): 299 – 301.



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18. El-Jakee, J, Aref, N, Gomaa, A., El-Hariri, M., Galal, H., Omar, S. and **Samir, A.** 2013. Emerging of coagulase negative staphylococci as a cause of mastitis in dairy animals: An environmental hazard. **International Journal of Veterinary Science and Medicine.** 1 (2): 74 – 79.
19. Osman, K.M., Zolnikov, T. R., **Samir, A.**, Orabi, A. 2014. Prevalence, pathogenic capability, virulence genes, biofilm formation, and antibiotic resistance of *Listeria* in goat and sheep milk confirms need of hygienic milking conditions. **Pathogens and Global Health.** 108 (1): 21 – 29.
20. Osman, K. M., **Samir, A.**, Orabi, A. and Zolnikov, T. R. 2014. Confirmed low prevalence of *Listeria* mastitis in she-camel milk delivers a safe, alternative milk for human consumption. **Acta Tropica.** 130: 1 – 6.
21. Osman, K. M. and **Samir, A.** 2014. The outer membrane proteins profile of *Salmonella enterica* serotypes Enteritidis, Muenster, Florian, Omuna and Noya and their dendrogram analysis. **International Journal of Advanced Research.** 2 (1): 182 – 187.
22. Osman, K. M., **Samir, A.**, Gamal, E. and Orabi, A. 2014. Increased milk concentration of nitric oxide and lysozyme is associated with listerial mastitis of different animal species. **International Journal of Advanced Research.** 2 (3): 185 – 195.
23. El-Hariri, M. D., Soliman, R. T. and **Samir, A.** 2014. Surveillance of Johne's Diseases bacterium, *Mycobacterium avium* subspecies *paratuberculosis* in dairy cattle in Egypt using three laboratory diagnostic techniques. **International Journal of Veterinary Sciences.** 3 (1): 33 – 36.
24. Abdel-moein, K. A. and **Samir, A.** 2014. Occurrence of extended spectrum β -lactamase-producing *Enterobacteriaceae* among pet dogs and cats: An emerging public health threat outside health care facilities. **American Journal of Infection Control.** 42 (7): 796-798.
25. Hatem, M.E., Ata, N. S., Abdou, A. M., Ibrahim, E. S., Bakry, M. A. and **Samir, A.** 2014. Surveillance of bovine leptospirosis: Isolation and serodiagnosis. **Global Veterinaria.** 13 (1): 127-132.
26. Elhelw, R.A., El-Enbeaawy, M.I. and **Samir, A.** 2014. Lyme borreliosis: A neglected zoonosis in Egypt. **Acta Tropica.** 140: 188 - 192
27. Hatem, M.E. and **Samir, A.** 2014. The first recorded epidemic of leptospirosis in sheep in Egypt. **Rev. Sci. Tech. Off. Int. Epiz. (OIE journal).** 33 (3): 889-892.



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28. Abdelhakim, K. M., Arab, H., Abouzeid, A. A., **Samir, A.** and Reda M. S. Korany. **2014.** Experimental salmonellosis in dogs: Clinical, bacteriological and pathological studies. **Life Science Journal. 11(10): 1176 – 1181.**
29. Hamdy, S., Ezzeldeen, N., Mohamed, K., Orabi, A. and **Samir, A.** **2015.** Isolation and identification of enterococci in Egyptian poultry. **Wulfenia Journal. 22 (3): 131 – 134**
30. Taghreed Mohamed, Nashwa A Ezz El-Din, Ahmed Ammar, Azza Mohamed, Ahmed Orabi and **Ahmed Samir.** **2015.** Antibacterial activity of Lactic Acid Bacteria (LAB) against significant fish pathogens. **International Journal of Veterinary Science. 4 (3): 145-147.**
31. Tras, A., Tayel, A., Mohamed, R., El-Kordy, D., El-Kady, N., and **Samir, A.** **2015.** Mixed rearing correlates with the existence of *Trichophyton verrucosum* pathogens in humans. **Dermatologica Sinica. 33 (3): 130 – 133.**
32. **Samir, A.**, Fahmy, A., Essam Hatem, M., Orabi, **2015.** A. Occurrence of canine borreliosis in Egyptian dogs: A public health threat. **Translational Biomedicine. 6 (2:9): 1 – 4.**
33. Panda, S., Liaqat, S., Girgis, A., **Samir, A.**, Hall, C., and Katritzky, A. **2015.** Novel antibacterial active quinolone–fluoroquinolone conjugates and 2D-QSAR studies. **Bioorganic and Medicinal Chemistry Letters. 25 (18): 3816 – 3821.**
34. Ibrahim, M.A., Panda, S.S., Oliferenko, A.A., Oliferenko, P.V., Girgis, A.S., Elagawany, M., Küçükbay, F.Z., Panda, C.S., Pillai, G.G., **Samir, A.**, Tämm, K., Hall, C.D. and Katritzky, A.R. **2015.** Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. **Organic & Biomolecular Chemistry. 13 (36): 9492-9503**
35. **Samir, A.**, Soliman R., El-Hariri, M., Abdel-Moein, K. and Hatem, M. E. **2015.** Leptospirosis in animals and human contacts in Egypt: broad range surveillance. **Revista da Sociedade Brasileira de Medicina Tropical. 48 (3): 272-277.**
36. Abdel-moein, K. A., Saeed and **Samir, A.** **2015.** Novel detection of *Helicobacter pylori* in fish: A possible public health concern. **Acta Tropica. 152: 141-144.**
37. Panda, S.S., Detistov, O. S., Girgis, A.S., Mohapatra, P. P., **Samir, A.**, and Katritzky, A.R. **2016.** Synthesis and molecular modeling of antimicrobial active fluoroquinolone –pyrazine conjugates with amino acid linkers. **Bioorganic and Medicinal Chemistry Letters. 26 (9): 2198-2205.**
38. Osman, K. M., **Samir, A.**, Abo-Shama, U. H., Mohamed, E. H., Orabi, A. and Zolnikov, T. R. **2016.** Determination of virulence and antibiotic resistance pattern of biofilm producing *Listeria* species isolated from retail raw milk. **BMC Microbiology. 16: 263-276.**



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39. Abdel-Moein K, El-Hariri M, **Samir A** and Wasfy M. 2017. Occurrence of ampicillin-resistant *Enterococcus faecium* carrying esp gene in pet animals: An upcoming threat for pet lovers. **Journal of Global Antimicrobial Resistance**. 9: 115-117.
40. Hassan M. Faidallah, Adel S. Girgis, Anand D. Tiwari, Hitesh H. Honkanadavar, Sean J. Thomas, **Ahmed Samir**, Atef Kalmouch, Khalid A. Alamry, Khalid A. Khan, Tarek S. Ibrahim, Amany M.M. AL-Mahmoudy, Abdullah M. Asiri, Siva S. Panda. 2018. Synthesis, antibacterial properties and 2D-QSAR studies of quinolonetriazole conjugates. **European Journal of Medicinal Chemistry**. 143: 1524–1534
41. Mohamed A. Elhady, Ahmed Ali, Walid H. Kilany, Wael K. Elfeil, Hytham Ibrahim, Ahmed Nabil, **Ahmed Samir** and Magdy El Sayed. 2018. Field Efficacy of an Attenuated Infectious Bronchitis Variant 2 Virus Vaccine in Commercial Broiler Chickens. **Vet. Sci.**, 5 (49): 1-9.
42. Sally, M. Abd Elsalam, Khaled Al-Amry, Khaled, A., Abd-el-Azeem, Noha, A. Helmy, Abd EL Hamid M, and **Ahmed Samir**. 2018. Extraction of RB51 rough lipopolysaccharide antigen for evaluation of locally prepared RB51 vaccine. **Bioscience Research**, 15(3): 2253-2259
43. Abu-Elala, N.M., **Samir, A.**, Wasfy, M., Elsayed, M., 2019. Efficacy of Injectable and Immersion Polyvalent Vaccine against Streptococcal Infections in Broodstock and Offspring of Nile tilapia (*Oreochromis niloticus*). **Fish and Shellfish Immunology**, 88: 293-300
44. Panda, S., Girgis, A., Mishra, B., Elagwany, M., Devarapalli, V., Littlefield, W., **Samir, A.**, Fayad, W., Fawzy, N., Srour, A., Bokhtia, R. 2019. Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acid-isoniazid hybrid conjugates. **RSC Advances**. 9, 20450–20462.
45. Osman K., Kappell A, Fox E, Orabi A and **Samir A**. 2020. Prevalence, pathogenicity, virulence, antibiotic resistance, and phylogenetic analysis of biofilm-producing *Listeria monocytogenes* isolated from different ecological niches in Egypt: Food, humans, animals, and environment. **Pathogens**, 9 (1): 1-19
46. **Samir A**, Abdel-Moein K and Zaher H. 2020. Emergence of penicillin-macrolide-resistant *Streptococcus pyogenes* among pet animals: An ongoing public health threat. **Comparative Immunology, Microbiology and Infectious Diseases**, 68: 1-4
47. Panda, S., Girgis, A., Thomas, S., Capito, J., George, R., Salman, A., El-Manawaty, M. and **Samir, A**. 2020. Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. **European Journal of Medicinal Chemistry**, 196: 112293
48. Rady, M., Ezz-El-Din, N.A., Mohamed, K.F., Nasef, S., **Samir, A**. and Elfeil, W.K. 2020. Correlation between ESβL *Salmonella* serovars isolated from broilers and their virulence genes. **Journal of the Hellenic Veterinary Medical Society**. 71 (2): 2163-2170.



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49. Abd El-fatah, S., Saad, A., Abd El Salam, A. and **Samir, A.** 2020. Study on dispersal of *Escherichia coli* and *Salmonella enterica* in retail beef and chicken meat. **International Journal of Veterinary Science.** 9 (2): 309-312.
50. **Samir, A.**, Abdel-Moein, K.A. and Zaher, H.M. 2020. Emergence of penicillin-macrolide-resistant *Streptococcus pyogenes* among pet animals: An ongoing public health threat. **Comparative Immunology, Microbiology and Infectious Diseases.** 68: 1-4
51. Serag R.M., Abu-Seida A.M., Abdelrahman H.A., **Samir A.**, Ibrahim I.M. and AbdElkader N.A. 2020. An Epidemiological Study on Orodental Disorders in 3,791 Working Donkeys in Egypt: Prevalence and Risk Factors. **Journal of Equine Veterinary Science.** 95: 103274
52. AbuElghait, D.A.E., Mohamed, K.F., Sheta, E., AbdElkader, N.A. and **Samir, A.** 2020. Novel detection of helicobacter species in gastric problems in equine in Egypt. **Systematic Reviews in Pharmacy.** 11 (12): 553–557
53. Kamel Ali, N.M., Farghaly, E.M., Shawky, H.M. and **Samir, A.** 2021. Molecular characterisation of extended-spectrum β -lactamase-producing *Escherichia coli* and *Salmonella* isolated from poultry and poultry products in Egypt. **Bulgarian Journal of Veterinary Medicine.** 24 (1): 43–56
54. **Samir, A.**, Abdel-Moein, K.A. and Zaher, H.M. 2021. Molecular detection of toxigenic *Clostridioides difficile* among diarrheic dogs and cats: A mounting public health concern. **Veterinary Sciences.** 8 (6): 88
55. Attia, A.R., Abdel-Moein, K.A., Zaher, H.M., **Samir, A.** 2021. The Burden and Antibioqram of Methicillin-Resistant *Staphylococcus aureus* among Companion Animals with Respiratory Illness. **Advances in Animal and Veterinary Sciences.** 9 (10): 1655–1659

Supervision of Master's theses and PhD dissertations:

I have supervised and participated in the supervision of approximately **50** Master's theses and PhD dissertations (**2009 – present**).



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Research Projects:

1. **Principle Investigator (PI)** of the project **No. 25782** granted by Science and Technology Development Funds (STDF) followed to Academy of Scientific Research and Technology. The research entitled: Surveillance of *Listeria monocytogenes* in Humans and Domestic Animals in Egypt and Preparation of Autogenous Vaccine for Livestock. **2017 –2019**.
2. **Researcher** in the project **No. 14984** granted by Science and Technology Development Funds (STDF) followed to Academy of Scientific Research and Technology. The research entitled: Rapid detection of Methicillin Resistant *Staphylococcus aureus* (MRSA) in mammals. **April 2016 – April 2017**
3. **Principle Investigator (PI)** of the project **No. 3371** granted by CRDF Global and the U.S. Department of State's Biosecurity Engagement Program. My proposal has been selected in the 2013 Early Career MENA Scientists Research Grant Competition. The research entitled: Surveillance and Detection of *Listeria monocytogenes* Infection in Animals and Animal products in Egypt. **September 2014 – September 2015**.
4. **Principle Investigator (PI)** of the project **No. 1153** granted by Science and Technology Development Funds (STDF) followed to Academy of Scientific Research and Technology. The research entitled: Surveillance of Leptospirosis in Humans and Animals in Egypt and Preparation of Autogenous Vaccine for Livestock and Pet Canines. **August 2010 – August 2012**.
5. **Researcher** in the project **No. 2987** granted by Science and Technology Development Funds (STDF) followed to Academy of Scientific Research and Technology. The research entitled: Preparation of Monoclonal Antibodies Against the Immunogenic Determinants Specific to *Mycobacterium avium* subspecies *paratuberculosis* and its Use for Development of ELISA Kits of High Sensitivity and Specificity. **April 2012 – April 2014**.
6. **Researcher** in a project granted by Cairo University entitled: Production of Glucose Oxidase Enzyme for *Aspergillus niger* by Gene Cloning. **December 2011 – December 2014**.
7. **Co-investigator and supervisor** in researches of the Expanded Applied Research Unit for Immunological Preparations (EARU-IP) at the Department of Microbiology, Faculty of Veterinary Medicine, Cairo University.



كلية الطب البيطري
جامعة القاهرة

وحدة ضمان الجودة



جامعة القاهرة

Scientific Achievements:

A) Scientific Journal Reviewer:

1. Acta Tropica
2. African Journal of Microbiology Research
3. BMC Veterinary Research
4. European Journal of Clinical Microbiology and Infectious Diseases
5. Food-borne Pathogens and Disease
6. International Journal of Microbiology and Immunology Research
7. International Journal of Veterinary Medicine
8. Journal of Advanced Research
9. Journal of Basic Microbiology
10. Journal of Cell and Animal Biology
11. Journal of Food Safety
12. Parasitology
13. PLoS NTD
14. PLoS ONE
15. Zoonoses and Public Health

B) Scientific Journal Editor:

1. Managing Editor of Veterinary Medical Journal – Giza. An official journal of Faculty of Veterinary Medicine, Cairo University.
2. Member of the editorial board of International Journal of Veterinary Medicine
<http://www.ijvets.com/editorial-board-2/>

C) Scientific Ranking: (www.scopus.com) – Author ID: 36085102800

h – index is **16**

Total citations is **622**

Highly cited is **57**

D) Scientific Board Member:

A member of **Animal Resources and Fisheries Researches Council**. One of the **Specialized Scientific Councils** of the Ministry of Higher Education and Scientific Research. **November, 2015 to November, 2018.**



وحدة ضمان الجودة



جامعة القاهرة

Awards and honors

1. The **Cairo University Award for Excellence in Science, 2018**. The award was in the field of multiple intra-disciplinary sciences and future sciences.
2. The **State Encouragement Award in Science (TWICE) 2016 and 2010**. The two awards were in the field of agricultural sciences granted by **Academy of Scientific Research and Technology (ASRT), Ministry of Scientific Research**, Egypt.
3. **Cairo University award** for the international publication, **2007, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018 and 2019**.
4. The **Cairo University Encouragement Award in Science, 2012**. The award was in the field of multiple intra-disciplinary sciences and future sciences
5. An award of the **American Society for Microbiology (ASM)** International Fellowship Program for **Africa, April 2009**.
6. An award of the **best Ph.D. dissertation** in the Faculty of Veterinary Medicine (**2008**) from Cairo University.
7. An honor from **Google Co.** because I contributed in reviewing articles from Cairo University students in “**Oktob Competition for the Best Arabic Article – 2009**”
8. An award of the best research entitled (Leptospirosis; an important zoonotic disease affecting public health) in the relevant session of the 1st international scientific conference which was organized by the Faculty of Veterinary Medicine, Cairo University, **24 – 27 April 2007**- Sharm El-Sheikh.
9. Cairo University award for Outstanding Students, in the scientific day on **December 24th 2001** as I achieved the highest graduation marks in my final bachelor exams in the Veterinary School.
10. Valedictorian, Cairo University, School of Veterinary Medicine, **2001**.
11. Awards granted from Pfizer Egypt Company for Pharmaceutical Preparations as my grades were mostly very good and excellent in the different classes.
12. Awards granted from the Faculty of Veterinary Medicine, Cairo University as my grades were mostly very good and excellent in the different classes in the years **1998, 1999 and 2000**.
13. An award of the Egyptian Histology and Cytology Association for outstanding students **1997**.



وحدة ضمان الجودة



جامعة القاهرة

Social, Community and Students Services

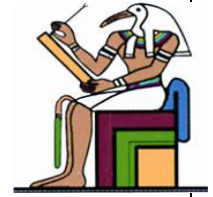
1. An elected **member of the board of directors of Cairo University Staff Club** (CU-Club), **2015**. I have been selected to be a rapporteur of the committee of youth and sports.
2. A member of **Supreme Committee For Student Union Elections** in the Faculty of Veterinary Medicine, Cairo University, **November, 2015 and December 2017**
3. A leader of **Scouts Committee** affiliated to student union, Faculty of Veterinary Medicine, Cairo University, **December, 2015**
4. A member of the **election board** who selected the president of Cairo University, **2013**. I have been elected to represent the Faculty of Veterinary Medicine, Cairo University.

Experiences

- * Masters microbiology workups and research, particularly in the area of isolating and identifying leptospires from the human blood and urine as well as tissues from different animal species.
- * Masters microbiology workups and research, particularly in the area of isolating and identifying *Borrelia* spp. including Lyme disease bacterium (*B. burgdorferi*) and *B. anserina*.
- * Masters microbiology workups and research, particularly in the area of isolating and identifying pathogens from the bloodstream, sputum, CSF, stools and postoperative wound infections.
- * Professional knowledge of biochemical reaction interpretation and identification of nosocomial pathogens.
- * Performing standard antibiotic sensitivity tests.
- * Specific experience in developing teaching modules and providing technical and theoretical microbiology training sessions (as a university staff for **17 years**).
- * Familiar with infection control practices in the Egyptian Ministry of Health and Population.
- * Trained at US-NAMRU-3, as a volunteer for one year (2004 – 2005) to enforce laboratory-based infection control practices at general hospitals.
- * Worked at US-NAMRU-3, Disease Surveillance Program (DSP), Lab Unit as a contractor (Microbiologist) since 2005 – 2007, to support the laboratory work concerning infection control issues.
- * Consultant at US-NAMRU-3, Global Disease Detection and Response Program GDDRP (formerly DSP), Lab Unit as a medical scientist (Microbiologist) since 2010 – 2011, to support the laboratory work in a program to promote quality and safety of healthcare in Egypt funded by USAID.



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جامعة القاهرة

* Consultant at Middle East for Veterinary Vaccine (MEVAC) factory leading the bacterial vaccine production team since January 2014 to present.

* As a director of a first private clinical veterinary lab., I got the experience in diagnosing diseases in most of animal species (canine, feline, equine, bovine, ovine, caprine and avian) in collaboration with experts in Clinical pathology, Parasitology, Immunology, Histopathology besides Microbiology.