

C.V
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PERSONAL DATA

- **Name:** Saber Abd El Motagally Hassanein Kotb
- **Position:** Professor and Head of Department of Veterinary Hygiene and environmental pollution, Faculty of Veterinary Medicine Assiut University, Egypt.
- **Date of Birth:** October 18, 1973
- **Place of Birth:** Manfalout, Assiut, Egypt.
- **Nationality:** Egyptian.
- **Marital status:** Married.

EDUCATION

B.V.Sc. of Veterinary Medicine, **May, 1996.**

Faculty of Veterinary Medicine, Assiut University, Egypt.

Grade: Very Good.

M.V. Sc. of Veterinary Hygiene, Animal Hygiene **November, 2001.**

Title of Thesis: " Bacteriological studies of animal environment and its relationship to the flora of the udder". Thesis presented to Fac. Vet. Med., Assiut University, Egypt.

Faculty of Veterinary Medicine, Assiut University, Egypt.

Ph.D of Veterinary Hygiene, Animal Hygiene **June, 2006.**

Title: "Studies on some environmental and hygienic factors affecting dairy cattle performance".

Faculty of Veterinary Medicine, Assiut University, Egypt.

Department: Animal Hygiene

TEACHING EXPERIENCE

- **Staff member of Animal Hygiene, Faculty of Veterinary Medicine, Assiut University.**
- **Teaching of Animal and poultry Hygiene courses for Fifth year students of Faculty of Veterinary Medicine, Assiut University.**
- **Teaching of Veterinary epidemiology course for Fifth year students of Faculty of Veterinary Medicine, Assiut University.**
- **Teaching of Animal management and welfare course for Second year students of Faculty of Veterinary Medicine, Assiut University.**
- **Teaching of Mentoring and Veterinary Education course for Second year students of Faculty of Veterinary Medicine, Assiut University.**
- **Teaching of Animal and poultry Hygiene course for Third year students of Faculty of Agriculture, Assiut University.**
- **Teaching of Veterinary sanitation course for Third year students of Faculty of Agriculture, Assiut University.**
- **Teaching of Animal behavior and management for credit hours students of Faculty of Agriculture, Assiut University**
- **Teaching of Animal behavior and management as well as Animal and poultry Hygiene courses for Third year students of Faculty of Agriculture, Azhr University, Assiut Branch.**
- **Teaching of Animal and poultry Hygiene course for postgraduate student as well as disinfection course and combating of contagious diseases.**
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ACADEMIC AND ADMINSTRATIVE POSITIONS

- **Demonstrator of Animal and Poultry Hygiene** (from December 1997 – November 2001), Department of Animal and Poultry Hygiene, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.
- **Assistant lecturer of Animal Hygiene** (December 2001 – June 2006) , Department of Animal and Poultry Hygiene, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.
- **Lecturer of Animal Hygiene** (July,2006- June 2011), Department of Animal Hygiene, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.
- **Associate Professor of Animal Hygiene** (July,2011), Department of Animal Hygiene, Faculty of Veterinary Medicine, Assiut University, Assiut, Egypt.
- **Professor Dr. of Animal Hygiene** (July,2016- present), Department of Animal Hygiene, Faculty of Veterinary Medicine, Assiut University,

Assiut, Egypt.

- **Supervisor of Student** activities in Assiut University and pioneer of leader Preparing in Helwan Institute, Egypt.
- Vice of head of department of animal hygiene and behavior from 2013 till 2019.
- Head of Department of Animal and Poultry hygiene and Environmental sanitation from 26/9/2019 till now.

RESEARCH EXPERIENCE

- **Experience in Animal and poultry behavior and management.**
- **Experience in Epidemiological investigation and combating of contagious diseases.**
- **Experience in nanotechnology.**
- **Experience in Experience in microbiological analysis of air, water and soil pollution..**
- **Experience in determination of gaseous air impurities (CO₂, Ammonia, H₂S)**
- **Experience in water examination(physical, chemical and bacteriological)**
- **Experience in control ectoparasite (ticks, mange,...etc).**
- **Experience in control microbial pollution in animals and poultry farms (disinfection).**
- **Participation in 8th International conference of development and environment in the Arab World held in 24-26 March 2016 in AUCES, Assiut University.**
- **Participation in work-shop of DAAD "Communication and Rhetorical Technique" held in 9 March 2015.**
- **Participation in work-shop of "Molecular modeling as a tool for drug design and discovery" held in Feb 3-5 2015, in Faculty of pharmacy, Assiut university.**
- **Participation in the national meeting of Egyptian staff members in Alex. held in 4-9 June 2014 in Alexandria**
- **Participation in 16th scientific conference held in 30/11-2/12 2014, Faculty of Veterinary Medicine, Assiut University.**
- **Participation in 6th International conference of South Egypt Cancer Institute held in 1st -5th April 2014 in Assiut University and Hurghada .**
- **Participation in 7th Youth Researchers Scientific Conference held in 28th April, 2014 Faculty of Agriculture, Assiut University.**
- **Participation in 7th International conference of development and environment in the Arab World held in 23-25 March 2014 in AUCES, Assiut University.**
- **Participation in XX International Congress of Mediterranean Federation of Health and Production of Ruminants held 19-22 February 2013.**
- **Participation in work-shop of MATLAB Training Course (36 hours) held in 6-29/5/2012.**
- **Participation in 6th International conference of development and environment in the Arab World held in 24-26 March 2012 in AUCES, Assiut University.**
- **Participation in work-shop of MATLAB Training Course held in 6-29/5/2012.**
- **Participation in work-shop of Medical fungi held in 10-15/11/20012 at AUMC (Assiut university mycological center).**

- Participation in work-shop of Protein Electrophoresis and Immunoblotting (Western Blot) held in 27-28/6/2011.
- Post-doctoral fellowship in Japan (9 month from March 2010 to December 2010).
Participation in work-shop of Ascomycota held in 8-13/3/2008 at AUMC.
- Participation in English course required for sabbatical leave from 24/6 to 16/7/2008 held in Center for Foreign Languages and Professional Translation (C.L.T), Cairo University.
- Participation in 5th International Veterinary Congress held in 21-23 October 2008, Faculty of Veterinary Medicine, Suez Canal Medicine, Ismailia University.
- Participation in 13th held in 7-10 March 2008, Faculty of Veterinary Medicine, Assiut University.
- Participation in work-shop of Biodiversity and identification of Fusarium species with special attention to Toxigenic and Human, Animal and Plant Pathogenic Species held in 17-23/3/2007 at AUMC (Assiut university mycological center).
- Participation in work-shop of Conventional PCR to Real-Time PCR held in 26-29/6/2006.
- Participation in 12th held in 10-12 December 2006, Faculty of Veterinary Medicine, Assiut University.
- Participation in the second annual conference of Clinical Pathology department in collaboration with Egyptian Society of Hematology, Egyptian Society of blood Transfusion and Therapy, And Egyptian Society of pediatric hematology and Oncology held in 13-2005 at Assiut University International conference Center.
- Participation in 10th veterinary congress held in 17-19 December 2002, Faculty of Veterinary Medicine, Assiut University.

Published Paper

1-Potential of biogas production from manure of dairy cattle fed on natural soil supplement rich in iron under batch and semi-continuous anaerobic digestion

Mohamed Farghali, Maejima Mayumi, Kuramoto Syo, Aoki Satoshi, Yasui Seiichi, Sayoko Takashima, Hijiri Ono, AP Yuhendra, Takaki Yamashiro, Moustafa M Ahmed, **Saber Kotb**, Masahiro Iwasaki, Ikko Ihara, Kazutaka Umetsu. Bioresource Technology, 2020

2-Impact of iron oxide and titanium dioxide nanoparticles on biogas production: Hydrogen sulfide mitigation, process stability, and prospective challenges

M Farghall, F J., M Ahmed, **S Kotb**
Environmental Management [Volume 240](#), 15 June 2019, Pages 160-167.

3-Prospects for biogas production and H₂S control from the anaerobic digestion of cattle manure: The influence of microscale waste iron powder and iron oxide nanoparticles.

M Farghali, FJ Andriamanohiarisoamanana, MM Ahmed, **S Kotb**, .
Waste Management [Volume 101](#), 1 January 2020, Pages 141-149.

4-First insight into the genetic population structure of *Mycobacterium tuberculosis* isolated from pulmonary tuberculosis patients in Egypt.

Hassan Mahmoud Diab, Chie Nakajima, **Saber A. Kotb**, Alaa Mokhtar, Nagwa F.M. Khder, Ahmed S.A. Abdelaal, Azza Hegazy, Ajay Poudel, Yogendra Shah, Yasuhiko Suzuki. Tuberculosis J., [January 2016](#) Volume 96, Pages 13–20.

- 5-Silver Nanoparticles and Sodium Hypochlorite Inhibitory Effects on Biofilm Produced by *Pseudomonas aeruginosa* from Poultry Farms. Abd El-Moez A. Ismail, [Saber A.H. Kotb](#), Israa M.A. Mohamed, Hosnia S. Abdel- Mohsein. *Journal of Advanced Veterinary Research* Volume 9, Issue 4 (2019) pp.178-186.
- 5- Inhibitory Activity of Silver Nanoparticles and Sodium Hypochlorite against Biofilm Produced by Salmonellae Isolated from Poultry Farms
Abd El-Moez A. Ismail, [Saber A.H. Kotb](#), Israa M.A. Mohamed, Hosnia S. Abdel- Mohsein. *Journal of Advanced Veterinary Research*, Volume 9, Issue 4, 2019, Pages: 151-160
- 6- "Assessment Of Heavy Metals Pollution In Groundwater And Cow's Milk In Upper Egypt". Hazem A. Aamer; Dalia M. Hassan and [Saber Kotb](#) . *Assiut Vet. Med. J.* Vol. 62 No. 149 April 2016, 1-12.
- 7- "Sarcoptic Mange Of Camel In Upper Egypt: Prevalence, Risk Assessment And Control Measures". [Saber Kotb](#) and Ahmed Abdel-Rady. *Journal of Advanced Veterinary and Animal Research*, 2(4): 410-417 (December, 2015).
- 8- "Sensitivity of Methicillin-Resistance and Methicillin-Susceptible *Staphylococcus aureus* Strains to Some Different Disinfectants". [Saber Kotb](#) and Mohammed Sayed *International Journal of Livestock Research*, Vol. 5 (8) Aug'15:45-58.
- 9- "Bactericidal Efficiency Of Silver Nanoparticles Against Methicillin-Resistance (MRSA) And Methicillin-Susceptible *Staphylococcus aureus* (MSSA) Strains Isolated From Milk And Its Surrounding Milking Environment ".
[Saber Kotb](#) and Mohammed Sayed
Assiut Vet. Med. J. Vol. 61 No. 144, January 2015.
- 10- "Bactericidal Efficiency Of Silver Nanoparticles Against Water Contaminants Isolated From Fish Farms Water With Special Reference Of Some Physicochemical Parameters Of Water ". Reem Dosoky, [Saber Kotb](#) and Mohamed Farghali. *Journal of American Science* 2015; 11(4): 68-76.
- 11- "Efficiency Of Silver Nanoparticles Against Bacterial Contaminants Isolated From Surface And Ground Water In Egypt ". Reem Dosoky, [Saber Kotb](#) and Mohamed Farghali. *Journal of Advanced Veterinary and Animal Research*, 2 (2): 175-184 (June 2015).
- 11- EPIDEMIOLOGICAL STUDIES OF EQUINE MANGE WITH SPECIAL REFERENCE TO EFFICACY OF DIFFERENT THERAPEUTIC PROTOCOLS FOR EFFECTIVE TREATMENT OF CHORIOPTIC MANGE
[Saber Kotb](#) and Ahmed Abdel-Rady. *Ass. Univ. Bull. Environ. Res.* Vol. 16 No. 2, March 2013.
- 12- Relation of Calcium Activity in Milk and Milk Production of Holstein Cows in Hot Season. Masahito Tanaka*, Tomoyuki Suzuki, [Saber Kotb](#)¹ and Yuko Kamiya
Asian-Aust. J. Anim. Sci. Vol. 24, No. 10 : 1372 – 1376 October 2011.
- 13- Effect of Distiller's Dried Grains With Solubles (DDGS) Feeding to Dairy cows On Oxidative Status Under Hot Conditions. Masahito Tanaka*, Tomoyuki Suzuki, [Saber Kotb](#) and Yuko Kamiya, *JARQ* 45(4): 457-460 <http://www.jircas.affrc.go.jp>.
- 14- PCR method for detection of *mecA* gene in methicillin-resistance *Staphylococcus aureus* (MRSA) strains isolated from milk and milking surrounding environment
M. Sayed and [S. Kotb](#). *Assiut Vet. Med. J.* Vol. 57 No. 128 January 2011.
- 15- Water-borne cryptosporidium parvum oocysts causing life-threatening infection of buffaloes and sheep in Egypt. [S. KOTB](#); A. ABDEL-RADY and M. TANAKA
Assiut Vet. Med. J. Vol. 57 No. 128 January 2011.

16- EPIDEMIOLOGICAL STUDIES OF EGYPTIAN BUFFALOES MANGE WITH SPECIAL REFERENCE TO EFFICACY OF DIFFERENT THERAPEUTIC TRIALS FOR TREATMENT OF MANGE **Saber Kothb** and Ahmed Abdel-Rady .

Ass. Univ. Bull. Environ. Res. Vol. 14 No. 1, March 2011.

17- SANITARY CONDITIONS OF LACTATING DROMEDARY SHE-CAMEL ENVIRONMENT WITH SPECIAL REFERENCE TO MILK QUALITY AND SUBCLINICAL MASTITIS MONITORING". **Saber Kothb**, Mohammed Sayed and Ahmed Abdel-Rady, Emir. J. Food Agric. 2010. 22 (3): 207-215

18- THE ROLE OF BAD HYGIENIC ENVIRONMENT OF DAIRY ANIMALS AND THEIR MILK IN THE EPIDEMIOLOGY OF *Aspergillus fumigatus* PULMONARY INFECTION AMONG INHABITANTS".

Saber Kothb; Mohammed Sayed; Sylvia O. Ahmed and Masahito Tanaka.

19- EFFECT OF HOTLY SUMMER IN ASSIUT ON HEALTH STATUS, PRODUCTIVITY AND BEHAVIOR OF FRIESIAN DAIRY CATTLE AND THE EVALUATION OF TRADITIONAL WAYS TO RELIEF" **S.A. Kothb**; Madeha Darwish and M.A. Abdel-Rahman Assiut Vet. Med. J., 54 (116): 1-15 (2008).

20- SPACE ALLOWANCE OF BUFFALO CALVES AND ITS EFFECT ON WELFARE AS INDICATED BY THEIR BEHAVIOR, ADRENAL RESPONSE AND ENVIRONMENTAL" M.A. Abdel-Rahman; Madeha Darwish and **S.A. Kothb** Assiut Vet. Med. J., 54 (118): 1-15 (2008).

21- "SOME EPIDEMIOLOGICAL STUDIES ON RINGWORM IN CATTLE AT ASSIUT GOVERNORATE, EGYPT". Ahmed Abdel-Rady and **Saber Kothb**.

5th Scientific International Congress, Fac. Vet. Med., Sues canal Univ., 895 - 911 (2008).

22- CLINICAL, DIAGNOSTIC AND REPUTIC STUDIES ON THEILERIASIS (*Theileria annulata*) IN CATTLE IN UPPER EGYPT

Ahmed Abdel-Rady, **Saber Kothb** and Mahmoud R. Abd Ellah

5th Scientific International Congress, Fac. Vet. Med., Sues canal Univ., 895 - 911 (2008).

23- ASSESSMENT OF AUTOMATIC AND HAND MILKING SYSTEMS OF COWS IN RELATION TO SOME BEHAVIORAL AND HYGIENIC INDICATIONS OF STRESS". M.A. Abdel-Rahman; Madeha Darwish and **S.A. Kothb**. Assiut Vet. Med. J., 53 (114): 20-35 (2007).

24- SCREENING OF THE EFFECT OF GROUND WATER QUALITY ON THE STABILITY OF NORFLOXACIN AND DOXYCYCLINE IN DRINKING WATER OF POULTRY. Assiut Veterinary Medical Journal Assiut Vet. Med. J. Vol. 65 No. 162 July 2019, 111-120: SABER KOTB 1; MOUSTAFA AHMED 1; DALIA HASSAN 1 and ESRAA SOLTAN.

25- Stability of antibiotics in drinking water: An advanced approach towards the impacts of water quality parameters on doxycycline bioavailability.

JOURNAL OF ADVANCED VETERINARY AND ANIMAL RESEARCH

ISSN 2311-7710 (Electronic).

<http://doi.org/10.5455/javar.2019.e288>

26- Supervisors on many Master and Ph.D. degree.

MEMBERSHIPS

- **Member of QAAP project: (Qualified Accreditation and Assurance Project) in Assiut University.**
- **Member of committee of periodical veterinary conference of Faculty Veterinary Medicine, Assiut University.**
- **Member, Egyptian Veterinary Syndicate.**

- **Member, Annual Project of environmental welfare and society development for treatment and veterinary scanning in villages of Assiut, Mina, Sohage, South Valley and Fayoum Provinces, Egypt.**
- **Member of Egyptian Society for Cattle Diseases, Egypt.**