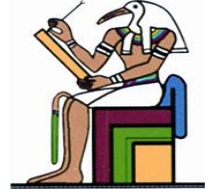




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Curriculum Vitae

personal Information

Name	Salah El Din Abd El Karim Selim	optional photo
Title	Prof. Emeritus, Dept. of Microbiology, Vet. Faculty, Cairo University	
Date of birth	23-April-1939	
Place of birth	Cairo, Egypt	
Citizenship	Egyptian	

Contact Information

Work phone	+20-2-35862195
E-mail (s)	dr.salahselim@hotmail.com
Web site (s)	www.selimsalaheldin.com
Current Address	Cairo University, Giza, Egypt Faculty of Veterinary Medicine, Dept. of Microbiology.

Educational Qualifications

B.V.Sc., Faculty of Veterinary Medicine, Cairo University, January 1963.

Ph. D., Moscow Veterinary Academy, USSR, 1974.

Academic Positions

Demonstrator in Microbiology since 15/7/1968.

Lecturer since 31/7/1974.

Associate Prof. since 31/5/1975.

Prof. of Microbiology since 8/8/1984.

Prof. Emeritus, Dept. of Microbiology, Vet. Faculty, Cairo University since April 1999.

Administrative positions

Director of Biotechnology Center, Vet. Faculty, Cairo University since 1996-2001.

1982-1983 Member of the directive council of the club of staff members of Cairo University.

1981 Member of the directive council of the Egyptian Veterinary Medicine Syndicate and leader of Conferences division in the syndicate. Leader of the sport division in Union of students of Veterinary Faculty, Cairo University.

Thesis Title



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M. Sc.	Null
Ph. D.	Application of fluorescent antibody method in identification of mycobacteria.

Areas of experience

1983 - 1984 Teaching Microbiology in El-Fatih University, Faculty of Science, Libya-Tripoli.

1984 - Present Teaching Microbiology to under and post-graduate students, Veterinary faculty, Cairo University.

1984 - Present Teaching Immunity to under and post-graduate students, Veterinary faculty, Cairo University.

2008 Teaching Immunity to under and post-graduate students, Veterinary faculty, Beni-Suef branch of Cairo University.

1996-2001 Director of Biotechnology Center, Veterinary faculty, Cairo University.

Ongoing Researches in filed of Biotechnology, immunology and bacteriology.

Projects

1978-1979 Investigator in the project performed between the Entomology Dept. Faculty of Science and Department of Health, USA (about the "Tick born disease").

1981 Investigator and supervision of a researcher group in the national project performed between Animal Health Institute and Egyptian Academy of Scientific researches and technology (about the "eradication of tuberculosis among sheep in Egypt").

1981 Investigator in the project performed between Animal Health Institute and NARP project (about "Studying oedmatous skin disease [OSD] in buffaloes in Egypt").

1980 Investigator in the project performed between Vet. Faculty, Cairo University and CDC-USA, (about "Studying Histoplasmosis among Egyptian equines").

1994 Member of the tuberculosis and brucellosis Scientific Committee in the project [P416-1994] performed between Egyptian Governmental Organization for Veterinary Services (Govs) and USA Government (about "Control of tuberculosis and brucellosis among animals in Egypt").

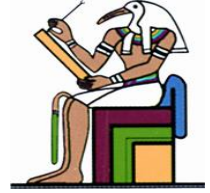
2008 Leader of researches group in the current project performed between the Research Institute of Veterinary sera and vaccines [Cairo] and Egyptian Academy of Scientific Researches and Technology about "production of diagnostic kits for tuberculosis and Rift vally fever diseases.

2008 Principle investigator of the current project performed between Vet. Faculty- Cairo University and Egyptian



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Academy for Scientific Researches and Technology.

Awards

1985 Awarded state Prize of Agriculture, Egypt.

1989 Selected as a member of National Encyclopedia for prominent Egyptian personals.

1995 Awarded Meddle of Excellency, first degree from president Mubarak, President of Republic of Egypt.

1998 A Recognition certificate from the President of Cairo University for participation in the conference of present and future status of Genetics and Genetic engineering in the Arab World till the year 2020 (8-9 November,1998).

Professional Qualifications

Conferences

1992 Member of the Organization Committee for International Conference about Animal tuberculosis in Africa and Middle East sustained by the Governmental Organization for Veterinary Services (Govs), Ministry of Agriculture, Cairo (April 1992).

1993 Member of the Organization Committee for the first Conference sustained by the Egyptian Association of Immunologists (1993).

1994 Member of the Organization Committee for in the 3rd Scientific Conference sustained by Veterinary Faculty, Cairo University(1994).

1996 Chairman of the session addressed "Immunity in infectious disease", during the 2nd Conference sustained by the Egyptian Association of immunologists (March, 1996).

1996 Chairman of the session about the infectious diseases in poultry in the Conference sustained by the Egyptian veterinary poultry Association (March1996).

1998 Chairman of the session addressed "Bacteriology and Molecular Biology" during the 5th Conference sustained by Veterinary Faculty, Cairo University (1998).

2001 Chairman of the session addressed "Genetic Engineering" in the 25th Conference sustained by the Egyptian Veterinary Medicine Association in (May2001).

2001 Vice- president of the International Conference about Transmissible spongiform encephalitis [Mad cow disease] sustained by the Egyptian Company of active technology transfer (May2001).

2001 Chairman of the session addressed "Diagnosis" in the XII International Congress of the world Veterinary Poultry Association, Cairo, Egypt (Septemper2001).

Training courses



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1976-1977 Travel to Moscow Veterinary Academy and Central Institute of Tuberculosis Moscow Academy of Medicine for studying immunity of tuberculosis.

1979-1980 Travel to Moscow Veterinary Academy and Central Institute of Tuberculosis to study the humoral and cell mediated immunity in Tuberculosis.

1987-1980 Travel to Ivanovsky Institute of Virology, Moscow Academy of Medicine for studying monoclonal antibody techniques.

1990 Two training courses for theoretical and practical courses in molecular biology sponsored by NARP project.

1994 Travel to National Animal Disease Center, Ames I.A. USA to participate in the workshop about diagnosis of tuberculosis (Jan).

2000 Travel to Institute of Tropical Medicine, Antwerp- Belgium for learning the DNA techniques used in studying mycobacterium tuberculosis in Mycobacteriology Department.

Computer Skills

- Friendly user to windows XP, Windows 7, internet, emails, browsing.
- Microsoft office.

Language Skills

- Arabic.
- English.
- Russian.

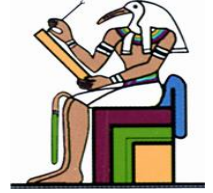
Professional Memberships

1. Member of Egyptian Veterinary Association.
Establishing member of Egyptian Association of Immunologists.
2. Member of Egyptian Veterinary poultry Association.
3. Member of Social Union of Veterinary doctors.
4. Member of the committee of evaluation of biological products, Institute of the biological products Control, Ministry of Agriculture, Cairo
5. Member of National Council, Genetic Engineering division.
6. Member of National Council of Microbiology, Egyptian Academy of Science and Technology.
7. Member of the Educational development Committee for establishing, Cairo University- Georgia State University joint



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8. M.Sc. Degree program in Biotechnology.
9. Member of evaluation of Microbiological Scientific production of staff member in Veterinary Faculty Universities.
10. Previous member in the permanent council of evaluation Scientific production of the researches in the Institute of Animal reproduction, Al-ahram, Ministry of agriculture, Cairo.
11. Member in the permanent council of evaluation of Scientific production of the researches in Veterinary sera and vaccines Researches Institute, Abbasia , Ministry of Agriculture, Cairo.
12. Participation in evaluation of Researches performed for Awarding, the governmental encouraging prizes, Egyptian Academy of Science and Technology.
13. Participation in evaluation of Researches performed by staff members of Cairo University for obtaining scientific prize of Cairo University.
14. Participation in evaluation of scientific proposals in the National Center for Researches, Dokki, Giza, Egypt.
15. Participation in evaluation of scientific proposals performed to the International Center of Genetic Engineering and Biotechnology, Trieste, Italy.

Other activities

1996 Invited lecturer in the seminar sustained by Egyptian Academy of Scientific Researches and Technology about problems of diagnosis of tuberculosis among cattle in Egypt (11/6/1996).

1998 Invited lecturer in the conference sustained by the Future Research and study Center, Cairo University (8-9 November 1998) about "Transgenic animals" ..

1999 Invited lecturer in the conference sustained by the Future Research and study Center, Cairo University about the future of serum and vaccine industry (23-26 May, 1999). The lecturer was about "Recombinant vaccine against caseous lymphadenitis [Pseudotuberculosis in sheep].

1999 Invited lecturer in the seminar sustained between Vet. Faculty, Cairo University and Höchst Scientific Bureau [Egypt] about Oedematous skin disease "OSD" among buffaloes in Egypt (October, 1999).

2000 Invited lecturer in the conference sustained by the National Committee of Microbiology, Egyptian Academy of Scientific Researches and Technology. And the lecturer was about "Genetically modified microorganism and warfare".

2000 Invited lecturer in the conference sustained by the National Center for Researches and Technology of Radiation, Egyptian Committee for Nuclear Energy. The lecture was about "Benefits and Harms of genetically recombined microorganisms".



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2000 Invited lecturer in the seminar sustained by Vet. Faculty, Cairo University around "Cloning". The lecture was about "Genetically modified animals".

1998- 2000 Invited lecturer in the seminar sustained by the local Veterinary authorities for Veterinary Doctors in the Menofia and Behira Governorates about OSD in buffaloes.

2001 Invited lecturer in the seminar sustained by the National Committee of Microbiology, Egyptian Academy for Scientific Researches and Technology about Mad cow disease [BSE](May 2001). The lecture was " Prionic disease and Mad cow disease".

2001 Invited lecturer in the seminar sustained by the Social Committee in Alahly club [Nasr city] about Mad cows disease "BSE" (April 2001).

2001 Invited lecturer in the seminar sustained by the Social Union of Egyptian Veterinarians performed in Giza Vet. Medicine administration about "Problems of using tuberculin test in diagnosis of animal tuberculosis in Egypt" (2001).

2000 Invited lecturer in the seminar sustained by the 6th annual conference of Cairo Veterinary Faculty (October 2000). The lecture was addressed "The effect of Mycotoxicosis on animal health and productivity of ruminants".

2000 Invited lecturer in the seminar sustained by training Center for veterinarians in Beni-Suef Governorate veterinary administration.

List of publications

1-Amin, M.M.; Shokry, M. and Abdel-Karim, S. (1976): Transaminase activity in sera of Egyptian tuberculous buffaloes. Assiut Vet. J.,3(5):251-254.

2-Amin, N.E. and Abdel-Karim, S.(1976): Studies on the pathogenicity of Aeromonas punctata to the common carp (Cyprinus carpicol). 13'h Arab Vet. Med. Congress, 13-18 Nov. 1976.

3-Hashem, M.M. and Salah El-Din, A. S. (1977): Studies of the effect of some organophosphorous insecticides on gas process in rumen, gas forming bacteria and helminthes (Fasciola and Monizia) in sheep. The Pharmacological problems in modern cattle breeding. Proc. Moscow Vet. Academy,94:118-120.

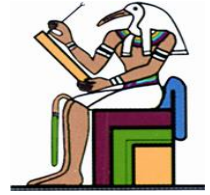
4-Salah El-Din, A.S.; Hashem, M.M. and Taeb, F. (1977): The effect of Rombon on the microflora and gas processing in the rumen. The Pharmacological problems in modern cattle breeding. Proc. Moscow Vet. Academy,94:123-124.

5-Salah El-Din, A.S. and Rafik, T.R. (1977): The antibiotic effect of Hibiscus sabdarifa (Karkade) on



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Candidia albicans. Proc. Moscow Vet. Academy,94:128-130.

6-Kozlovosky, E.V.; Emelianeko, P.A. and Salah El-Din, A.S. (1978): The possibility of indirect indication of Mycobacterium tuberculosis. New methods in diagnosis, treatment and prophylaxes of non-contagious diseases of farm animals. Proc. Moscow Vet. Academy,99:68-70.

7- Emelianeko, P.A.; Bairk, V.A.; Salah El-Din, A.S.; Denesenko, V.N., Farag, M.F. and Sabry, D.M. (1979): The detection of lysozyme in cattle milk by a method depends upon the use of *Micrococcus lysodecticus* pod powder. View. Bulletin, Moscow,34:22-25.

8-Shihata,I.M.; Salah El-Din, A.S. and Ibrahim, LM.(1979): Antibacterial effect of *Hibiscus sabdarifa* extract on bacteria contaminating accidental wounds. J. Egypt. Vet. Med. Assoc. 39(3):99-114.

9-Hegazy, A.A.; Yousef, H.I. and Seleim, S.A. (1979): Bacteriological and histopathological studies on endometritis of she-camel. J. Egypt. Vet. Med. Assoc. 39(3):81-99.

10-Selim, S.A.; Amin, N.; Amin, M.M.; El-Saifi, A.A. and Ismail, M. (1981): Detection of lysozyme production using modified technique as an aid for the identification of pathogenic staphylococci causing some animal and human diseases. Arch. Exper. Vet. Med.,Leipzig.,35(2):277-238.

11-Barakat, A.A.; Saber, M.S.; El-Danaf, N.A.; Selim, S.A.; El-Zeftawi, N.M. and Affifi, E.A.(1982): The use of indirect fluorescent antibody technique in diagnosis of *C. ovis* infection. J. Egypt. Vet. Med. Assoc., 42(2):101-109.

12-Hassan, M.N. and Selim, S.A. (1982): Some toxigenic fungi associated with stored corn in Egypt. J. Egypt. Vet. Med. Assoc., 42(4):5-12.

13-Refai,IVL; Taha,M.; Selim,S.A.; El-Shaboury,F. and Youssef,H.H.(1983): Isolation of *Cryptococcus neoformans*, *Candida albicans* and other yeast from pigeon droppings in Egypt. Sabouraudia,21:163-165.

14-Selim, S.A.; Osman, Kamelia; Ismail, M.; Seham, M. Mohamed; Morgan, S.D. (1983): Virulence of staphylococci to mice and its relation to lysozyme production and coagulase activity. Vet. Med. J. (Faculty of Vet. Med., Cairo Univ.,Egypt),31(1):61-69.

15-Shokry, M.; Abd El-Karim, S.; El-Keiby, M. and Ismail, M. (1984): Lysozyme activity as a parameter of tarsitis in horses. Assiut Vet: Med. J., 11 (22):227-228.

16-Selim, S.A.; Abdel-Ghani, M.; Osman, Kamilia, M. and Ismail, M. (1983): Prevalence of *Salmonella* in poultry in Egypt. Zagazig Vet. J. VII, 273-288.

17-Hassan, M.N. and S.A. Selim (1984): Pathogenic Potential of some fungal species on the genera



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Aspergillus, Mucor and Rhizopus. Arch. Exper. Vet. Med., Leipzig 4.

18-Kamilia, M. Osman; El-Taweal, A. and Selim, S. (1983): Experimental infection with *Salmonella typhimurium*: Blood chemistry changes and tissue reaction. Zagazig Vet. Vii,454-474.

19-Selim, S.A.; Soliman, R.; Kamilia Osman,; Padhay, A. and Ajello, L. (1984): Studies on Epizootic lymphangitis (*Histoplasmosis farciminosii*) in Egypt. 1. Isolation of *Histoplasmosis farciminosii* from cases of epizootic lymphangitis in horses and its morphological characteristics. Eur. J. Epidemiol., 1(2):84-89.

20-Ismail, M.; Selim, S.A.; Arab, R. and Soliman, R. (1984): Changes in lysozyme activity in milk and significance in the diagnosis of subclinical mastitis in goats. Vet. Med. J. (Faculty of Vet. Med., Cairo University, Egypt), 32(1):59-68.

21- Farid, A.; Salim, S.A.; Abdel-Ghani, M. and Ismail, M. (1984): Diagnosis of bovine subclinical mastitis by determination of lysozyme level in milk. Archiv. Exper. Vet. Med., Leipzig, 38(6):857-682.

22- Barakat, A.A.; Selim, S.A.; Atef, A.; Saber, M. S.; Nafei Emad and El- Ebeidy, A. (1984): Two serotypes of *Corynebacterium pseudotuberculosis* isolated from different animal species. Rev. Sci. Tech. Off. Int. Epiz.,3(1):151-163.

23- Soliman, R.; Ismail, A.; Hakeim, M. E.; Kamilia Osman and Selim, S.A. (1985): Serodiagnosis of epizootic lymphangitis disease using agar gel immunodiffusion test. Vet. Med. J., 33(1): 49-60.

24-H. Yossef; M. I. Mourad; S. Abdel-Karim; Hassanein, K.M. and Sadek, A. (1990): Pathogenicity of *pseudomonas aeragenosa* to Nile fish. Assiut Vet. Med. J., 24(47):108-115.

25- Younes, T.; Youssef, H.; Abdel-Karim, S. and Hassanein, K. (1990): Epidemiological studies of *Pseudomonas aeragenosa* in chickens, fish and human. Assiut Vet. Med. J., 24(47):115-120.

26- Abdel-Karim, S.; Soufy, M. S. and Bastory, H (1991): Influence of metabolic ochratoxin A on chicken immune response. Egypt. J. Comp. Path. Clin. Path., 4(1):159-171.

27-Mona El-Enbaawy; Abdellah, Y.A.; Nawar Amina; Faried,A. and Selim, S.A. (1995): The role of lymphocyte adhesive molecules and cytokines in activation of chicken monocytes. Vet. Med. J. Giza.,43 (3):313-319.

28- Selim, S.A.; Ihab, M.I; El-Taweel, M.A. and Elsharnouby, R.M. (1997): Evaluation of tuberculosis testing of camels in Egypt. Bull. Anim. Hlth. Prod. Afri, 45:205-209.



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- 29-El-Enbaawy, M.L.; El-Metwally, M. and Selim, S.A. (1999):** The killing capacity and the oxidative burst of macrophages express the phenotypic character of natural resistance to *Brucella abortus*. The Egypt. J. of Immun.,6(2):181-186.
- 30-Selim, S.A.; Ghoneim, M.A.; Wahid, M.A. and Ibrahim, A.K. (1999):** Immune complex syndrome in oedematous skin disease in buffaloes. The 5th Annual confrence of immunology of the Egyptian Association of immunology of Hurghada Septemper, 24-2 of macrophages express the phenotypic character of natural resistance to *Brucella abortus*. Egypt. J. Immunol., 6 (2): 181-186.
- 31-Gamal E-Eid; Ihab, M.I. and Salah A.K. Selim (2001):** Comparison between tuberculin test and enzyme linked immunosorbant Assay for diagnosis of tuberculosis in cattle and buffaloes. Vet. Med. J., Giza, 49:1-15.
- 32- Selim, S.A. (2001): Review: Oedematous skin disease of buffalo in Egypt. J. Vet. Med. (Berlin) B48:241-258.**
- 33-Ghoneim, M.A.; Amin, A.S.; Ibrahim, A.K.; Khafagi, A.; Warda, A.M. and Selim, S.A.(2001):** Cloning and expression of PLD gene from three different isolates of *C. pseudotuberculosis*. The Arab J. Biotech.,4(1):37-48.
- 34-Ibrahim, A.K.; Ghoneim, M.A.; Amin, A.S.; Aboul-Hassan, D.G. and Selim, S.A.(2001):** Molecular diagnosis of bovine leukemia virus in blood of dairy cattle using Nests PCR and dot blot hybridization in comparison to ELISA technique. J. Egypt. Vet. Med. Assoc., 61(3):153-163.
- 35- Ghoneim, M.A.; Mousa, A.W.; Ibrahim, A.K.; Amin, S.A.; Khafagi, A. and Selim, S.A. (2001):** Role of *Hippobosca equina* as a transmitter of *C. pseudotuberculosis* among buffaloes as revealed by PCR and dot blot hybridization. J. Egypt. Vet. Med. Assoc., 61(3): 165-176.
- 36-Abd El-Latif,S. G.; Ghoneim, M.A.; Hashad, M.; Tbrahim, A.K. and Selim, S.A. (2002):** Genetic characterization of phospholipase D gene from sheep , buffalo and camel strains of *Corynebacterium pseudotuberculosis*. Conference of Biotechnology,. Alexandria Library, 16-18 March.
- 37-Selim, S.A.; Ghoneim, M.A. and Ibrahim, A.K. (2002):** Development of caseous lymphadenitis vaccine by site-directed mutagenesis of phospholipase D gene. Conference of Biotechnology, Alexandria Library, 16-18 March.
- 38-Selim, S.A.; Abdul Razik, F.A.; Balata, M.; El-Shazly, M.L. and Hanan, M.E. (2002):** Standardization of a tuberculin test for the diagnosis of tuberculosis in camels in Egypt. Bull. Anim. Hlth. Prod. Aft., 49:276-282.
- 39-Selim, S.A.; El-Shazly, M.O., Nasr, E.A.; El-Nagar, A.I.; Ali, W.M and Abdul-Razik, F.A. (2002):**



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Evaluation of enzyme linked immunosorbent assay (ELISA) and pathological findings in the diagnosis of tuberculosis in camels (*Camelus dromedaries*) in Egypt. *Vet. Med. J. Giza.*, 50, (4) 681-693.

40-Selim, S.A.; Nasr, E.A.; Ghoneim, M.A.; Hussein, A.Z. and Abdel Rahman, M. (2002): Purification of 38 KDa antigen for diagnosis of tuberculosis in buffaloes. *Vet. Med. J. Giza*, 50 (4): 741-754.

41-Ibrahim, A.K.; Ghoneim, M.A.; Amin, A.S; aboul-Hassan, D.G. and Selim, S.A. (2002): Molecular diagnosis of bovine leukemia virus in blood of dairy cattle using nested-PCR and dot blot hybridization in comparison to ELISA technique. *J. Egypt. Vet. Med. Ass.*; 61(3) : 153-163.

42-Soliman, Y.A.; Ghoneim, M.; Nasr, E.A.; Mousa, I.M.; bEbiary, E.A. and Selim, S.A. (2003): Cloning and expression of recombinant MPB70 protein antigen from *Mycobacterium bovis* BCG for diagnosis of tuberculosis. *Egyptian journal of immunology*, 11 (2): 21-29.

43-Mona El-Enbaawy; Abdalla, M.Y.; Hussein, A.Z.; Roukaya Osman and Selim, S.A. (2003): Production and evaluation of a monoclonal antibody to *Clostridium perfringens* typ D epsilon toxin. *Egypt. J. Immunol.*, 10 (1): 77-81.

44-E1-Enbaawy, M.I.; Saad, M.M. and Selim, S.A. (2005): Humoral and cellular immune responses of a murine model against *Corynebacterium pseudotuberculosis* antigens. *The Egyptian journal of immunology*, 12 (2): 13-19.

45-Mona El-Enbaawy; Saad M.M. and Selim, S.A. (2005): Humoral and cellular immune responses of a murine model against *Corynebacterium pseudotuberculosis* antigens. *Egypt. J. Immunol.*, 12(2):13-16.

46- Selim, S.A.; Ibrahim, A.K.; Elseedy, F.R. and Walid, F.R. (2006): The role of phospholipase D vaccine in activation of macrophages.

47- Selim, S.A.; Jaylan, S.; Abugabal, M.; Elshabrawy, M. and Fahmy, M.S. (2006): Streptobacillus respiratory syndrome.

48- Sohier M.Syame, H.M.EL-Hewairy and S.A.Selim. (2008): Protection of buffaloes against oedematous skin Disease by recombinant-bacterin and toxoid-bacterin vaccines. *Global Veterinaria* 2 (4):151-156.

49- Akram F.S.Fahmy, Kh.F.Mohamed, Ahmed Samir, M.H.Ashgan, Adel M.H.Azab and S.A.Selim (2010): Preparation of a Combined Vaccine for Clostridial Diseases and Rabies in Sheep. *Global Veterinaria* 4 (5): 463-473.

50- S.A.Selim, M.E. Ghoneim and Kh.F.Mohamed. (2010): Vaccinal Efficacy of Genetically Inactivated Phospholipase D Against Caseous Lymphadenitis in Small Ruminants. *International Journal of Microbiological*



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Research 1 (3): 129-136.

51- S.A.Selim, : Synergistic Haemolytic Activity and its correlation to Phospholipase D productivity by *C. pseudotuberculosis* Egyptian Isolates from Sheep and Buuffaloes. Brazilian Journal of Microbiology (Accepted in 21 June 2011).

52- Moussa I.M. , Omnia M.E. , Amin A.S, Ashgan, M.H. and Selim S.A. (2011): Evaluation of the currently used polymerase chain reaction assays for molecular detection of brucella species. African Journal of Microbiology Research Vol.5 (12), pp.1511-1520.

53- Luciene Torres, Dayana Ribeiro, Raphael Hirata Júnior¹, Luis Gustavo Pacheco, Monica Cristina de Souza, Louisy Sanches dos Santos, Cíntia Silva Santos¹, Priscila S. Sabbadini, Mohammad Salah, Mateus Matiuzzi da Costa, Marcio Garcia Ribeiro, Salah A. Selim, Vasco A.C. Azevedo, Ana L. Mattos-oGuaraldi. (2011): Multiplex PCR for identification and toxigenicity of *Corynebacterium* group of zoonotic potential and an overview of human and animal infection. Memorias do Institute Oswaldo Cruz, Brazil.

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54 - Artur.S., Rommel, T., Juca, R., Adriana, R., Anne, C., Siomar, S., Anderson, S., Sintia, A., et al, Selim, S.A. (2012): Complete Genome Sequence of *Corynebacterium pseudotuberculosis* Crompt31, Isolated from Egyptian buffalo. Journal of Bacteriology, 194(23), 6663-6664.

55- Selim S.A., Mousa W.M., Mohamed K.F. and Mousa I.M.(2012): Synergistic Haemolytic activity and its correlation to phospholipase productivity by *Corynebacterium pseudotuberculosis* Egyptian isolates from sheep and buffalo. Brazilian Journal of Microbiology, 552-559.

56- Mousa I.M., Hessain A.M., Hemeg H.A. and Selim S.A. (2014): Single- point mutation as a molecular tool for preparation of recombinant vaccine against Caseous Lymphadenitis. Journal of Food Agriculture and Environment, 12(2), 626-629.

57- Dorneles E.M.S., Jordana A. Santana, Dayana Ribeiro, Fernanda Alves Dorella, Alessandro S. Guimarães, Mohamed S. Moawad, Salah A. Selim, Ana Luiza M. Garaldi, Anderson Miyoshi, Márcio G. Ribeiro, Aurora M. G. Gouveia, Vasco Azevedo, Marcos B. Heinemann and Andrey P. Lage.(2014): Evaluation of ERIC-PCR as Genotyping Method for *Corynebacterium pseudotuberculosis* Isolates. Plos One, 9(6), 1-10.

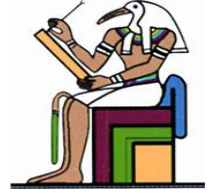
58- Mousa I.M., Hessain A.M., Al-Arfaj A.A., Farouk K.M. and Selim S.A.(2015): Immunological properties of anti *Naja haje Arabica* (The Arabian Cobra) snake venom antibodies prepared in chicken. International Journal of Pharmacology, 11(8), 956-959.

59- Selim S.A., Mohamed F.H., Hessain A.M. and Mousa I.M.(2015): Immunological characterization of Diphtherial toxins recovered from *Corynebacterium pseudotuberculosis*. Saudi



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