



**National Research Centre**  
**Cairo- Egypt**

## **Curriculum Vitae**

**Associate Professor Dr. Gamil S.G. Zeedan**

PhD Virology – Cairo University

Associate Professor at National Research Center, Cairo, Egypt

Assistant Professor at Collage Applied Medical Sciences, Sahqra University, KSA

Assistant Professor at Collage of Medical and applied Medical Sciences, 2010-13  
NBU- KSA



### *Curriculum Vitae*

*Associate Prof. Dr. Gamil Sayed Gamil Zeedan*

#### **1. Educational Degrees**

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2007            PhD. Virology, Cairo University  
1999            Master Virology ,Cairo university  
1993            BVSc . Cairo university

#### **2. Contact information**

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#### **3. Major Specialization and Research Interest**

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My research focuses on Molecular Typing and Epidemiological Studies of Viruses and Bacteria of Animal Origin with Special Interest of Antibacterial and Antiviral Agents

#### **4. Work Experiences**

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2015 up to date    Assistant Professor of Microbiology and Virology at Clinical laboratory Sciences at College of Applied Medical Sciences Shaqra University Saudi Arabia  
2014 -2015        Associate Professor of Microbiology at National Research Center Ministry of High Education - Cairo Egypt -Cairo Egypt  
210-2013         Assistant Professor of Microbiology at Faculty of Medicine and Applied Medical Sciences – Northern Border University (NBU)- KSA) for 3academic years  
2007- 2010       Assistant Researcher at National Research Center- Ministry of High Education - Cairo Egypt  
2002-207         Lecturer of Virology at National Research Center- Dokki- Cairo, Egypt  
1993-2002        Lecturer Assistant of Virology at National Research Center- Dokki- Cairo, Egypt

#### **5. Editorial In chief**

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\* Journal of Microbial & Biochemical Technology impact point 2.05

<http://omicsonline.org/editorialboard-microbial-biochemical-technology-open-access.php#>

## 6. *Editorial Board Membership*

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1. Journal of Microbial & Biochemical Technology impact point 2.05  
<http://omicsonline.org/editorialboard-microbial-biochemical-technology-open-access.php#>
2. Journal of Veterinary Science & Technology impact point 0.5 <http://omicsonline.org/editorialboard-veterinary-science-technology-open-access.php>
3. Virology & Mycology
4. [http://omicsonline.org/editor-profile/Gamil\\_Sayed\\_Gamil\\_Zeedan/](http://omicsonline.org/editor-profile/Gamil_Sayed_Gamil_Zeedan/)
5. International Journal of Engineering Sciences & Research Technology  
IMPACT FACTOR: 1.852
6. [http://www.ijesrt.com/editorial\\_board.html](http://www.ijesrt.com/editorial_board.html)
7. International Journal of Advanced Research and Technology (IJART) – Executive Editor  
<http://www.ijartjournal.com/EditorialBoard.aspx>
8. Sciknow publication (*Journal of Biotechnology, Bioinformatics and Bioengineering*)  
<http://www.sciknow.org/journals/editor/id/jbbb>
9. Donnish Journal of Microbiology and Biotechnology Research (DJMBR)  
<http://donnishjournals.org/djnbr/editorial-board.php>
10. Open Journal of Medical Microbiology  
<http://www.scirp.org/journal/EditorialBoard.aspx?JournalID=999#.Vz>
11. Editorial board Member of Journal of Immunology and Cellular Microbiology  
[http://neonexgroup.com/editor-biography.php?title=Dr.-Gamil-sayed-Gamil-Zeedan&journal\\_name=Journal-of-Immunology-and-Cellular-Microbiology&id=96&journal=56](http://neonexgroup.com/editor-biography.php?title=Dr.-Gamil-sayed-Gamil-Zeedan&journal_name=Journal-of-Immunology-and-Cellular-Microbiology&id=96&journal=56)
12. Editorial board Member of Journal of Immuno Virology  
<http://www.juniperpublishers.com/jojiv/editorialboard.php>
13. Editorial board Member of Molecular Biology Journal  
<http://www.omicsgroup.org/journals/aimsandscope-molecular-biology-open-access.php>
14. Editorial board Member of Open Access Journal of Microbiology & Biotechnology (OAJMB)  
<http://medwinpublishers.org/OAJMB/editorial-board.php>

## 7. *Reviewer in international journal*

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1. Reviewer in IJAR - International Journal of Advanced .  
<http://www.journalijar.com/>
2. International Journal of Advance Research and Innovate Ideas in Education IJARIE  
<http://ijarie.com/RevieweBoard.aspx?CategoryId=87>
3. Open Journal of Medical Microbiology  
<http://www.scirp.org/journal/ojmm>

## **8. *Training Programs and Workshop***

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1. Polymerase Chain Reaction (PCR) And ITS Different Applications
2. General Gradation of Clinical Laboratory Sciences specifications, Outcome of Academic Programmers and key performance indicators
3. Positive Academic Leadership, Academic Leadership center Ministry of Education KSA
4. Total Quality Management in Medical Education, NBU University
5. Assessment of Competence NBU University
6. Training course of Research Methodology NBU University
7. Application of PCR and hybridization for diagnosis of bacterial and viral diseases.–
8. Biotechnology center- College of Veterinary Medicine- Cairo University- Egypt.
9. Application of cloning in the production of genetic vaccines. Biotechnology center- College of Veterinary Medicine- Cairo University-Egypt.
10. Course in the uses and applications of biotechnology in the field of animal diseases and reproduction in the Animal Reproduction Institute- El-Haram.
11. Applications of ELISA techniques in disease diagnosis, hormonal assay and toxin detection – Biotechnology center- College of Veterinary Medicine- Cairo University-Egypt.
12. SPSS
13. Training course honey bee diseases

## **9. *ACADMIC ACTIVITY : TEACHING THE FOLLOWING COURSE***

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### **A.1 2015- up-to-date Microbiology at Clinical laboratory Sciences at College of Applied Medical Sciences Shaqra University Saudi Arabia**

1. Teaching Bacteria I CLS 361 Level 6
2. Teaching practical Bacteriology I CLS 361 Level 6
3. Teaching Bacteria II CLS 471 Level 7
4. Teaching Bacteriology II CLS 471 Level 7
5. Teaching the Clinical Practical microbiology CLS 482 Level 8
6. Teaching practical Clinical Practical microbiology CLS 482 Level 8
7. Precipitation in teaching of Departmental Seminar course CLS 486 Level 8

### **A.2. 2010-52013 Microbiology in faculty of Medicine and Applied medical Sciences - Northern Border University, Saudi Arabia.**

1. Participate in teaching Medical Microbiology ( Virology ) MICM 311 courses for 3<sup>rd</sup> year Medical students (3 hour/week)
2. Participate in teaching Diagnostic Microbiology 1 MLT 341 courses for 3<sup>rd</sup> year Applied Medical Sciences students.(3 hour/week)

3. Participate in teaching Diagnostic Microbiology 2 MLT342 courses for 3<sup>rd</sup> year Applied Medical Sciences students.(3 hour/week )
4. Participate in teaching Clinical Rotation Microbiology for 4<sup>th</sup> year Applied Medical Sciences students (6 hours/week)
5. Participate in teaching Clinical Rotation Immunology / Virology for 4<sup>th</sup> year Applied Medical Sciences students (2 hours/week)
6. Participate in teaching Medical Microbiology ( practical ) MICM 311 courses for 3<sup>rd</sup> year Medical students (2 hour/week)
7. Teaching Diagnostic Microbiology 1 (practical ) MLT 341 courses for 3<sup>rd</sup> year Applied Medical Sciences students.(4 hour/week)
8. Participate in teaching Diagnostic Microbiology 2 ( practical) MLT342 courses for 3<sup>rd</sup> year Applied Medical Sciences students.(2 hour/week )
9. Training of young doctors in the clinical and laboratory diagnosis of infectious diseases. Diagnosis of hormonal residues in foods.
10. Using of PCR in the diagnosis of animal diseases.
11. - Teaching course of Immunology and Molecular biology for Arab student trainers in NRC, Egypt.
12. Teaching Molecular diagnosis of animals viruses summer training courses sciences student
13. Organizer and teaching of training Courses " New Molecular Technology in Diagnosis of animals' diseases "

**B. Research Experience:**

1. Experience in modern & classical Immunodiagnostic Techniques as different type ELISA , IFAT, RIA, Dot ELISA, HI,CFT,AGPT, SPA agglutination test , SNT & Dot blot hybridization
2. Diagnosis of animals viruses by different Molecular techniques(different types of PCR )
3. Teaching Assistant in immunology and Molecular biology Arab student training in NRC , Egypt.
4. Course in the Molecular diagnosis of animals viruses Summer Training courses
5. Organizer of Training Course in New Molecular Technology in Diagnosis of animals diseases

**C. Research Skills and interest:**

1. Interest by human and animals viruses (RVFV, BEFV, H5N1 avian influenza viruses ,Para pox virus , Pox viruses and Equine influenza virus
2. Work in developing classical Techniques to make it more reliable for detection animals diseases.
3. Using PCR as diagnostic tools for detection animals diseases.
4. Isolation and propagation viruses and Bacteria on Cell culture and different cell line culture.
5. Propagation of viruses in different CEE ( SPF) ,Different rout
6. Extensive knowledge of SPSS statistical programs

#### ***D. Presentations:***

- 1- Viral Diseases ( BEFV- RVFV )
- 2- Avian influenza Virus (H5N1)
- 3- Swine influenza (H1N1)
- 4- Middle East respiratory syndrome coronavirus

[http://www.omicsonline.org/editor-pdf/Gamil\\_Sayed\\_Gamil\\_Zeedan.pdf](http://www.omicsonline.org/editor-pdf/Gamil_Sayed_Gamil_Zeedan.pdf)

#### ***E. Project consultants and supervisor***

- 1- Retrospectives Studies Novel viruses in Saudi Arabia
- 2- Retrospective studies on hepatitis A , B, C ,D and E in Saudi Arabia
- 3- Incidence of hepatitis A , B, C ,D and E in Saudi Arabia
- 4- The laboratory diagnosis of hepatitis B virus
- 5- Human Immunodeficiency Virus (HIV) Infection Testing Technologies & Strategies
- 6- Hepatitis C Virus Serologic, Diagnostics Virology Technique and Clinical Diagnosis Related Liver Disease

#### **10. Selection of some Published Research**

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1. Zeedan GSG , A.M Abdalhamed , N.H Ghoneim and A. A Ghazy (2015) " Isolation and Molecular Diagnosis of Orf virus from Small Ruminants and Human in Egypt , Journal of Antivirals & Antiretrovirals [Scopus](#) , [PubMed Impact factor : 3.25](#)
2. Zeedan G.S.G., Hassanain M. A. and Shaapan R.M. (2014): Isolation of Para poxviruses from Skin Lesion of Man and Animals in Middle Egypt, Global Veterinaria 12 (1): 19-25 [Scopus Impact factor : 0.677](#)
3. Gamil S.G. Zeedan, Ahmad M.M. Allam, Soad M. Nasr and Abeer M. Abalhamed (2014): Evaluation the Efficacy of Egyptian Propolis Against Parapox Viruses by Production of IFN- , TNF- and Immunoglobulin in Experimental Rat, World Applied Sciences Journal 31 (2): 199-207, 2014 [Scopus Impact factor : 0.233](#)
4. Nahed H. Ghoneim; Gamil S.G. Zeedan ; Alaa A. Ghazy and Abeer M. Abdalhamed(2014): Molecular and Serological detection of the most common *Brucella species* infecting bovine and human in Egypt, International Journal of Advanced Research (2014), Volume 2, Issue 7, 217-226 [Impact factor : 4.585](#)
5. Shaapan R. M., Zeedan G. S. G. , Soad M. Nasr and Abeer M. Abdal hamed.,(2014) : Immunostimulant Effect of Egyptian Propolis Extract against Parapox virus in experimental Rats Nature and Science 2014;12(2)
6. Nahed Ghoneim Shalaby; S. A.; Nawal Hassanain ; Zeedan G. S.G. ; Soliman Y. A. ; Abeer Mostafa, (2010): Compative study between serological and molecular diagnosis for detection of Toxoplasma

gondii among women and small ruminants in Egypt. Foodborne pathogens and Disease,7(1) 17-22  
[Scopus and PubMed Impact factor : 2.092](#)

7. Nahed Ghoneim Shalaby; S.A.; Nawal Hassanain ; Zeedan G. S. G. ; Soliman Y. A;Abeer Mostafa,(2009): Detection of genomic *Toxoplasma gondii* DNA and anti-*Toxoplasma* antibodies in small ruminants and High risk pregnant and infertile women : Global Veterinaria 3 (5): 395-400, 2009 [Scopus](#) [Impact factor : 0.677](#)
8. Madbouly, H.M ., Hegazi, A.G., Soufy ,H., Tamam, S.M. and [Zeedan, G.S.G.](#) (2007)" Physico – chemical characters of locally isolated bovine ephemeral fever virus (BEFV)"*Vet. Med.J., Giza*, 55(2) : 425-434
9. Madbouly ,H.M ., Hegazi, A.G., Soufy ,H., Tamam, S.M. and [Zeedan, G.S.](#) (2007)" Epidemiological studies of two outbreaks of bovine ephemeral fever in Middle Egypt" *Vet. Med . J., Giza*, Vol. 55,(2) :435-450
10. Madbouly,H.M ., Hegazi, A.G., Mona El-Shabrawy, Tamam, S.M. and [Zeedan, G.S.Z.](#) (2006)" Isolation and identification of Bovine ephemeral fever virus from cattle in Middle Egypt"54(4):942-954
11. Madbouly, H.M., Hegazi, A.G. ,Mona El-Shabrawy, Tamam, S.M and [Gamil, G.S.Z.](#) (2006)"Preparation of inactive Bovine ephemeral fever Virus Vaccine (BEF) from Locally Isolated Strain using Different adjuvant "*Vet. Med .J. Giza*, 54, (4):955-970

## 11. *International Conferences*

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1. The Second International Conference on Biotechnology and Environment Safety” 2014 NRC
2. 3rd International Conference on Clinical Microbiology & Microbial Genomics 2014 Valencia Convention Centre, Spain
3. Special molecular typing and epidemiological studies of viruses of animal origin with special interest of zoonotic ones <http://www.esciencecentral.org/journals/2327-5073/2327-5073.S1.016-016.pdf>
4. 4th international Conference of the Veterinary Research Division under the theme of " Veterinary Medicine and consumer Protection " February 26-28, 2008
5. The Second International Conference on Biotechnology and Environment Safety”

## 12. *National Conferences*

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1. The third international congress for the Veterinary Section- National Research center (12/2006).
2. 4<sup>th</sup> international Conference of the Veterinary Research Division under the theme of " Veterinary Medicine and consumer Protection " February 26-28, 2008