

CURRICULUM VITAE (C.V.)

Abeer A. Ghazal, Ph. D.

Name : Abeer Abd El-Rahim Ghazal
Occupation : Professor – Microbiology department
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Positions held:

- κ Demonstrator in Microbiology Department (1992– 1997).
- κ Assistant lecturer in Microbiology Department (1997 – 2001).
- κ Lecturer in Microbiology Department (2001 – 2007).
- κ Assistant professor in Microbiology Department (2007-2011)
- κ professor in Microbiology Department (2012-)

Qualifications:

- κ **B. Pharm. Sci (1991)** – Faculty of pharmacy, Alexandria University.
- κ **M. Pharm. Sci. (Pharmaceutical Microbiology) 1997–**
Faculty of pharmacy, Alexandria University.
- κ **Ph.D. in Pharm. Sci. (Pharmaceutical Microbiology) 2001 –**
Faculty of pharmacy, Alexandria University.

Training and work shops

1-Training course in Rome (Tor Vergata University) from May To November 1998 on:

Techniques of Cell Biology including:

1. Lymphocytes and Monocytes Separation from Peripheral Blood
2. Handling of Tissue Cultures
3. Testing antiviral Agents in Biological Systems
4. Intracellular Staining of Cytokine Detection
5. Cytofluorimetric Analysis of Cytokine Production In Mixed Cell Population

2-Workshops on:

- From Genes to Proteins. July 16-20-2005
- Polymerase Chain Reaction (PCR) Applications. August 7-11-2004.
- Intensive Training Course on Applications of Biotechnology. August 28-31 2005.
- Basic Molecular Biology PCR techniques and Western Blot Analysis". May6-11-2006
- Intensive Training Course On Genetic Engineering.13-15 May 2006.
- Basic Techniques In Cell Culture. 27-29 November 2008.
- Intensive Course In Molecular Biology (With special emphasis on nucleic acid extraction and PCR amplification).November 15-16-2009
- Basic Molecular Biology.July 16-19-2011

3- Awards: University Award to encourage scientific research

Publications

1. El Kholy Z, Moghazi T, Ghazal A. Transmission of Hepatitis C Virus Between Spouses. *New Egyptian Journal of Microbiology* 2003; 4 (January):65-75.
2. EA El Sherbini, A.Ghazal, G Fadaly. Diagnostic Approach TO Extra Pulmonary Tuberculosis. *New Egyptian Journal of Microbiology* 2004; 8 (May):48-60.
3. Ghazal A, Abdel Wahab A. Serum Levels Of Tumor Necrosis Factor-Alpha and Transforming Growth Factor-Beta In Hepatitis C Virus Infection: Correlation with Viral Load and Liver enzymes. *New Egyptian Journal of Microbiology* 2005; 11 (May):317-329.
4. Ebeid S.,Ghazal A.,Kader O, Khalil ES, Mahmoud M, AbdEl Nahim M and said A. Detection of Hepatitis G Virus Infection Among Blood Donors And Hemodialysis Patients. *Journal Of Medical Research Institute* 2005; 26_(3):227-235.
5. El sammak M, Rafai W, Elsawaf A.,Ghazal A. Elevated Serum Tumor Necrosis Factor Alpha and Ferritin May Contribute To The Insulin Resistance Found In HCV Positive Egyptian Patients. *Current Medical Research and Opinion* 2005; 21 (4):527-533.
6. Ebeid S.,Ghazal A.,Kader O, Ibrahim N. Detection Of P53 Protein In Serum Of Hepatocellular Carcinoma And Hepatitis C Patients. *New Egyptian Journal of Microbiology* 2006; 13 (January):403-414.
7. Ghazal A and. H Selim. Prevalence Of TT virus Infection Among Chronic Hepatitis C Patients. *The Egyptian Journal Of Medical Microbiology* 2006; 15_ (April):299-306.
8. Elsammak M, HannA H.,Ghazal A, Badereldeen F. Diagnostic Value of Serum Procalcitonin And C-Reactive Protein In Egyptian Children With Streptococcal Tonsillopharyngitis. *The Pediatric Infectious Disease Journal* 2006; 25 (2): 174-176.
9. Morsi M, Youssef A, Ghazal A. Zaher E. Telomerase Activity, Cytokeratin 20 and Cytokeratin19 in Urine Cells of Bladder Cancer Patients. *J Egypt Natl Canc Inst* 2006; 18 (1):82-93.
10. Zaki MA, Sheta MI, Ghazal A., Ismail EA. Correlation of Hepatocyte Growth Factor mRNA Expression in Hepatic Tissue To Its Serum Level In Egyptian Patients With Hepatocellular Carcinoma on Top of Chronic Viral Hepatitis C Infection. *Journal Of the Medical Research Institute* 2007; 28 (1):42-9.

11. Ghazal A.,Saleh E.,Ammar Y.,Eltoukhy M.,Talayae A. Are Hemodialysis Patients At Risk For CMV Infection? One Year Follow Up Study. Egyptian Journal of Medical Microbiology 2008; 17 (4):547-554.
12. .Moustafa M.,Eltoukhy M.,Abdo A.,Ghazal A.,Nabeeh H. The Effect Of Chronic Exposure To Organophosphorous Insecticides On Apoptosis In Patients With Liver Diseases. The Medical Journal Of Cairo University 2008 ,76 (2):37-47.
13. O.Kader, A.Ghazal, E.l Ghazzawi And A.Hassan. Methicillin Resistance In Staphylococci Isolated From Clinical Specimens: Molecular and phenotypic Detection. New Egyptian Journal of Microbiology 2008; 19 (January):374-390.-
14. G Venturi, G Elsawaf, g Helaly, A.Ghazal G Rezza MGciufolini. Arboviral Infections In Egyptian and Sardinian children and adults with aseptic meningitis and meningoencephalitis. Scandinavian Journal of Infectious Disease 2009; 41(11-12):898-899.
15. Lotfy W, Ghazal A, El-Sawaf G. Schistosoma mansoni from a Hepatitis C Virus (HCV) Endemic Region in Egypt Test Negative for HCV. Egyptian Journal of Schistosomiasis and Infectious and Endemic Diseases. 2009; 31(1):79-84.
16. Ciervo A, Mancini F, Puzelli S, Interisano M, Fencia M, Farchi F, Ghazal A, et al.,. Detection and correlates of Chlamydia pneumoniae among children with acute respiratory infections. Journal of Pediatric Infectious Diseases ;2010: 5249–254
17. Shawki MM, Hereba AM, Ghazal A. Formation and characterisation of antimicrobial Dextran nanofibers. ROMANIAN J. BIOPHYS., Vol. 20, No. 4, P. 335–346, BUCHAREST, 2010
18. El-Banna T, Abd El-Azizl A, Abo-Kamar A, Ghazal A, AboZahra R. *In vitro* activities of three kinds of antibiotics against Staphylococcal biofilm and planktonic cultures. African Journal of Microbiology Research 2010; Vol. 4(21): 2275-2282.
19. Abd El-Azizl A, El-Banna T, Abo-Kamar A, Ghazal A, AboZahra R. *In vitro* and *in vivo* Activity of some Antibiotics against Staphylococcal Biofilm and Planktonic Cells Isolated from Diabetic Foot Infections. *Journal of American Science*, 2010;6(12): 760-770.
20. Ghazal A, El Sherbini E, Abou Shleib, Fanaki N, Atef M. A Molecular Study Of Sulphonamides Resistance Among *Escherichia coli* Isolated From Urine. New Egyptian Journal of Microbiology 2011; Vol (29): 374-390.
21. Ghazal A, Kader O, Ebid S, Moustafa N and El Sayed S. Detection of Community Acquired Methicillin Resistance *Staphylococcus aureus* among *Staphylococcus aureus* isolates. Journal of American Science, 2011;7(2):423-431

22. Ghazal A, Metwally D, Mahmoud K. The relation between Chlamydia pneumoniae infection and other risk factors in patients with coronary heart disease. *New Egyptian Journal of Microbiology* 2011; Vol (30): 12-22.
23. Ghazal A, Abdel Mohsen MA, Hussein NA, Farouk M. Measuring the Angiogenic markers in viral Hepatocellular Carcinoma and chronic viral hepatitis patients. *New Egyptian Journal of Microbiology* 2011; Vol (29) : (37-49).
24. Ghazal A, Sabbagh N, El Riwini M. Presence of *Helicobacter* DNA in the gallbladder of Egyptian patients with gallstone diseases. *Eastern Mediterranean Health Journal* Volume 17 no. 12 dated December 2011 (In press)
25. Ghazal A, Abdelhamid SM, Abdel Mohsen MA, Hussein NA. Clinical implication OF Serum Sfas And SfasL Levels In Chronic Hepatitis C And Hepatocellular Carcinoma Patients: A Way Of Escape From The Host Immune Surveillance. *Egyptian Journal Of medical Laboratory Sciences* (In Press)

Supervision of thesis

- 1-Detection of Hepatitis G Virus infection among Hepatitis C Virus positive and negative blood donors.
- 2- Study of Cytomegalovirus DNA in peripheral blood polymorphonuclear leukocytes among Hemodialysis patients.
- 3-Effect of low Frequency Magnetic Field on Bacterial growth
- 4-Lipid peroxidation and *Mycobacterium Tuberculosis* identification in patients with chronic pulmonary tuberculosis.
- 5- Evaluation of serum versus sputum in diagnosis of pulmonary tuberculosis in relation to antioxidant enzymes.
- 6- Detection of Hepatitis G Virus infection among Hemodialysis patients positive or negative for Hepatitis C Virus.
- 7- Evaluation of serum proclacitonin (PCT) levels in children suffering from tonsillopharyngitis as a marker of infection of different etiologies.
- 8-The effect of chronic exposure to organophosphorus insecticides on apoptosis in patients with liver diseases. (PHD)
- 9- Telomerase activity, cytokeratin 20 and cytokeratin 19 in urine cells of bladder cancer patients. (PHD)

- 10- Molecular detection of Methicillin resistance in *Staphylococci* isolated from clinical specimens.
- 11- The role of *Chlamydia pneumoniae* and *Mycoplasma pneumoniae* among children with community acquired lower respiratory tract infection in Alexandria
- 12-Molecular diagnosis of viruses causing aseptic meningitis.
- 13- A molecular study of Sulphonamides resistance among *Escherichia coli* isolated from urine.
- 14-Detection of CTX-M Extended spectrum beta lactamase production among *Escherichia coli* and *Klebsiella pneumoniae* clinical isolates using Molecular and phenotypic methods.
- 15- Metallo beta lactamase production in gram negative bacteria isolated from clinical specimens.
- 16- Study of the relationship among Extended spectrum beta lactamase production, Plasmid profile and Biofilm formation in gram negative bacteria
- 17-Mycobacterial infection in Immunocompromised patients.
- 18-Molecular typing of Hospital acquired Methicillin resistant *Staphylococcus aureus* isolates: Analysis of Mec gene and Staphylococcal cassette chromosome.
- 19- Community acquired Methicillin resistant *Staphylococcus aureus* isolated from skin and soft tissue infection: Analysis of Mec gene and Staphylococcal cassette chromosome.
- 20- Detection of Occult Hepatitis B virus among Hepatitis C Virus infected patients.
- 21- Hepatitis C virus genotyping: Comparison between Inno line probe assay and polymerase chain reaction
- 22-Detection of Occult Hepatitis B virus among Hepatitis C Virus infected patients in Sudan.
- 23- Detection of Community Acquired Methicillin Resistance *Staphylococcus aureus* among *Staphylococcus aureus* isolates.

24-Detection of Adherence factor BAB A2 gene in Helicobacter Pylori infected patients using conventional PCR technique