

Curriculum vitae

Name: Dalia El-sayed Metwally Ragab.

Nationality: Egyptian.

Date of birth: 29/2/1972.

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Certificates:

- 1- Degree of Doctor in Public Health majoring in Microbiology in 28/2/2007.
- 2- Master degree in Public Health majoring in Microbiology in 26/3/2002.
- 3- MBChB, Faculty of Medicine, Alexandria University, 1995.

Practical experience:

- 1- Assistant Professor in the Microbiology department in the Medical Research Institute From 30/7/2013 till now.
- 2- Lecturer in the Microbiology department in the Medical Research Institute From 10/10/2007.
- 3- Assistant lecturer in the Microbiology department in the Medical Research Institute From 3/6/2002.
- 4- Tutor in the Microbiology department in the Medical Research Institute from 26/5/1998.
- 5- House officer in Alexandria university hospitals from 1/3/1996 to 28/2/1997.

Publications

- 1- Helaly G F, Omar A A, Badran F K, Y Nagwan E M, Metwally D E. Tinea capitis among Alexandria primary school children in light of non-traditional sampling methods. Bull. Alex. Fac. Med. 2001; 37 (3): 323-331.
- 2- El-Zarka M. S, El-Nouaem M. I. , Metwally D E. and Essawy M. M. Detection of hepatitis C virus RNA in the saliva using real-time PCR with emphasis on oral lichen planus. Journal of American Science, 2011;7(4): 854-859
- 3- Ghazal A, Metwally D E, 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.
- 4- Kader O , Ghazal A , Metwally DE, Elnour A , Yousif G. Detection of occult Hepatitis B virus infection among blood donors in Sudan. Journal of the Egyptian Public Health Association 2013, 88:14–18.
- 5- El-Sherbini EA, Metwally DE, El-Batouti GA, El-Soudany II. Phenotypic and genotypic method for detection of MexEFOpr-N efflux pump in P.aeruginosa. New Egyptian Journal of Microbiology 2013; Vol (34): **98-112**.
- 6- Kader O , Metwally D E, Ghazal A, Helaly G F , Mahmoud MM , Hassan MB. Hepatitis C virus genotyping by INNO-LiPA HCV II and Direct Sequencing of the 5'UTR. New Egyptian Journal of Microbiology 2013; Vol (35): 1-12
- 7- Kader O , Metwally D E, Helaly G F , El-Batouti G A, Hassan M B, El Sawaf R. Mutation in the precore region of HBV in chronic hepatitis B patients. Journal of American Science 2013; 9(5):157-162.
- 8- Rezza G, El-Sawaf G, Faggioni G, Vescio F, Al Ameri R, De Santis R, Helaly G, Pomponi A, Metwally D, Fantini M, Qadi H, Ciccozzi M, and Lista F. Co-circulation of Dengue and Chikungunya Viruses, Al Hudaydah, Yemen, 2012. Emerging Infectious Diseases 2014 ; 20 (8)"1351-4.
- 9- Ciccozzi M, Lo Presti A, Cella E, Giovanetti M, Lai A, El-Sawaf G, Faggioni G, Vescio F, Al Ameri R, De Santis R, Helaly G, Pomponi A, Metwally D, Fantini M, Qadi H, Zehender G, Lista F, Rezza G. Phylogeny of Dengue and Chikungunya viruses in Al Hodayda governorate, Yemen. Journal of molecular epidemiology and evolutionary genetics in infectious diseases 2014(8).
- 10- Mahmoud O A, Ghazal A A, Metwally D E, , Shamseya M M, Hamdallah H M. Detection of occult hepatitis B virus among chronic hepatitis C patients Alexandria Journal of Medicine (2016) 52, 115–123.

- 11- El-Sawaf G D, Eissa M, Ghazal A, Metwally D, Abozahra R and Rafla W. Molecular Diagnosis of Human Metapneumovirus Infection among Egyptian Infants with Acute Bronchiolitis. *Int.J.Curr.Microbiol.App.Sci* (2017) 6(3): 2430-2437.

Thesis supervision

MD

1. Detection of occult Hepatitis B virus infection among blood donors in Sudan
2. Detection of multidrug resistance efflux pump in *Pseudomonas aeruginosa* strains resistant to fluoroquinolone
3. Diagnosis of invasive fungal infections in immuno-compromised patients by automated versus conventional blood culture
4. The effect of silver nano-particles, antibiotics, laser and photo-sensitizer on gram positive and gram negative bacteria.
5. Study the relationship among extended spectrum β -lactamase production, plasmid profile and biofilm formation in Gram-negative bacteria.
6. Molecular Detection and Prevalence of Human Metapneumovirus among Infants with Acute Viral Bronchiolitis in Alexandria, Egypt”
7. DNA microarray-based detection for identification of fungal pathogens in clinical samples from neutropenic patients
8. Chikungunya Virus in Republic of Yemen : a Seroprevalence Survey
9. In vitro development of *Candida* species biofilm and its susceptibility to antifungal agents
10. Detection of occult hepatitis b infection among blood donors in medical research intitute blood bank
11. Analysis of different genetic traits and their role in discrimination between invasive and contaminating *staphylococcus epidermidis* strains isolated from cases with intravascular catheter infections.
12. Discrimination between contaminating and commensal strain of *Staphylococcus epidermidis* using different phenotypical methods, biofilm formation and plasmid pattern analysis
13. Detection of occult hepatitis B virus infection among Hepatitis C virus infected patients

14. Preliminary Qualitative Analysis of Blood Odor for Patients in the Asymptomatic Phase of Viral Hepatitis C Using the Electronic Nose Technology
15. Comparative in vitro antibacterial activity of colloidal silver versus silver ions against methicillin resistant Staphylococcus aureus. A physical and chemical study.
16. Validation of ITS Region Amplification for the Detection and Identification of Clinically Relevant Candida Species Isolated from Blood Stream Infection among High Risk Group Patients, Comparison with Culture and VITEK Based Identification.
17. Testing For Major Human Immunodeficiency Virus (HIV) Resistance Mutations For Nucleoside Reverse Transcriptase Inhibitors (NRTIs) Among HIV Patients In Alexandria.
18. Quantitative analysis of Human Herpes Virus 6 DNA in patients treated for acute leukemia.
19. The effect of selective digestive decontamination plus antifungal drugs on the prevention of health care associated infection in mechanically ventilated patients in ICU.

PH D

20. Phenotypic and Genotypic Patterns of Aminoglycosides Resistance among Pseudomonas aeruginosa Clinical Isolates.
21. The Effect of Azithromycin on Quorum Sensing and Virulence Factors in Clinical Isolates of Pseudomonas aeruginosa.
22. Characterization of Drug –Resistance Profiles to Directly Acting Agents in Hepatitis C Virus Naive Patients.
23. Reduced Vancomycin Susceptibility in Staphylococcus aureus; Laboratory Detection and Genomic Characterization.

