

- **Curriculum Vitae**

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- **Personal Details**

- **Name:** Ola A. Kader
- **Department:** Microbiology
- **Date of birth:** 26/4/1951
- **Country of birth:** Alexandria, Egypt
- **Job:** Emeritus Professor of microbiology
- **Languages:**
- **French:** French School : Institut Sainte Jeanne Antide from primary to secondary study
- **English:** Toeffel 1981
- **German:** Zertificat Deutsch als Fremdsprache in 1986

- **Contact:**

- **E-mail:** Ola.Kader@hotmail.com

- **Affiliation:**

Microbiology Department, Medical Research Institute, Alexandria University, Alexandria, Egypt

- **Qualifications:**

- **Ph.D. in Bacteriology, 1984,** Faculty of medicine Alexandria University
- **M.sc. in Bacteriology, 1979,** Faculty of medicine Alexandria University
- **M.B.B.Ch., 1974,** Faculty of medicine Alexandria University

- **Appointments:**

- **Lecturer of Bacteriology,** Medical Research Institute, Alexandria University. **1985-1989**
- **Assistant Prof of Bacteriology,** Medical Research Institute, Alexandria University. **1989- 1994**
- **Prof of Bacteriology,** Medical Research Institute, Alexandria University **1994-2011**
- **Head of department of bacteriology,** Medical Research Institute, Alexandria University. **2002-2005**
- **Emeritus Professor of microbiology** Medical Research Institute, Alexandria University since 2011

• **Courses, Meetings & Conferences**

- **Scholarship at the institute of Microbiologie und Immunologie, Bonn** Venusberg Germany 1981-1983
- **Personal Grant from DAAD** German Scientific Exchange) at the institute of Microbiologie und Immunologie, Bonn Venusberg Germany 1990
- **Training course at TorVergata University** in molecular biological techniques 1992-1993.

Participation in Conferences as Speaker or Chairman:

1. Scientific meetings : Medical research Institute
 - a. Viral polymorphism: methods and applications. 26/2 2012
2. Overview of HCV: diagnosis of HCV. 31/5/ 2010
3. Microbiology and Nano-Technology 10/4 / 2008
4. International Conferences of medical Research Institute(MRI)
Viruses and cancer 29-31 /10/ 2008 (14th MRI conference 2nd international MRI)
5. Evidence-Based medicine in HCV infection 23-25 /11/ 2005(11th MRI conference)
6. Egyptian medical Syndicate (Alexandria)2010 Recent advances in Laboratory medicine
7. Symposium of Liver diseases at Crossroads of Civilizations (bibliotheca Alexandrina)
The scientists of Institut Pasteur (Nobel Prizes)2008
8. The Ninth International Congress on women`s health issues
9. Gender related issues in the prevalence of Hepatitis C in Alexandria

Workshops: Medical Technology center for research and services (Cooperazione italiana):

1. Workshop on Viral Hepatitis 8/1997 Diagnosis of Viral Hepatitis
2. International conference on infectious diseases and public health: Talk on Epidemiology of hepatitis B and D infection in Egypt.
3. Third Egyptian –Italian workshop on Environment & health : Microbiological Analysis of sea water
4. Basic Molecular biology PCR techniques and western blot analysis 6-11/5/ 2006
5. Basic molecular biology 16-19 july 2011
6. Introduction to molecular biology techniques (26-29 /2/ 2012)
7. Molecular evolution and Phylogeny of infectious diseases 19-21 march 2012.
8. DNA Sequencing 22-24 feb 2016

• **Experiences**

• **Teaching**

1. Teaching a course of Molecular biology at the microbiology department faculty of medicine Alexandria university 1994 – 1999

2. Teaching a course of Molecular biology at the Immunology department Medical Research Institute Alexandria University since 2001.
3. Teaching various diagnostic and molecular microbiology lectures at the Medical Research Institute Alexandria University since 1985

- **Fields of Interest**

1. Molecular microbiology
2. Virus Hepatitis (Hepatitis C, B)
3. Multi drug resistance (e.g. Methicillin resistant Staphylococcus aureus (MRSA)

- **Publications**

1. Isolation rate and antimicrobial sensitivity of enterobacteriaceae from septic surgical wounds at Alexandria university hospital . Journal Medical Research institute.1980,1:17-26.
2. **Isolation and mode of action a staphylococcin-like substance active against gram positive and gram negative bacteria. Journal of General Microbiology .1984 ,130: 2291-2300.**
3. Isolation and characterization of hospital and non-hospital staphylococci isolated from nasal carriers in Hadara orthopedic hospital. Journal Medical Research institute.1986 ,7: (suppl):61-73
4. Coagulase negative staphylococci: A frequent cause of urinary tract infection. Journal Medical Research institute.1986 ,7: (suppl):23-33
5. Possible source of infection in clean orthopedic surgery. Journal Medical Research institute.1987 ,8: (suppl):65-87.
6. **Synthesis and in vitro antimicrobial evaluation of some Benzimidazol-2-yl methyl thioureas, Benzimidazol-2-ylacetylthiosemicarbazides and products of their condensation with monochloroacetic acid. Pharmazie .1986 ,41 475-478.**
7. Correlation between carcinoembryogenic antigen (CEA) and C- reactive protein as diagnostic parameters in patients with bladder carcinoma . The egyptian Journal of Medical sciences .1987,8(2): 303-318.
8. **Potential anti-microbial syntheses and in vitro anti-microbial evaluation of some 5-arylazo-thiazolidones and related compounds . Eur.j.Med. Chem.1987 ,22:485-487.**
9. Colicinogenicity in Escherichia coli strains isolated from diarrheal and non-diarrheal children in El Shatby Alexandria pediatric hospital. The Bulletin of the high institute of public health .1988,XVV111(4):733-743.
10. B- lactamase production in bacteria resistant to B- lactam antibiotics . Bulletin Alexandria Faculty of Medicine . 1988 ,XXI V(4) :875-846.
11. Polymorphonuclear leukocyte function in patients with lymphoma. Bulletin Alexandria Faculty of Medicine . 1988 ,XXI V(4) :887-896.
12. Clinical significance of lysozyme determination in Acute leukemias .The Alexandria Medical Journal. 1988,XXX (3,4) :192-209.
13. **Synthesis of some substituted Benzimidazoles with potential antimicrobial activity. Monatshefte fur Chemie. 1989;20 :571-7574.**

14. Lysozyme production A possible index of pathogenicity among staphylococci. The Bulletin of the high institute of public health .1988,XV111(2):239-246.
15. **Benzimidazole condensed ring systems .1. Synthesis and biological investigations of some substituted Pyridol (1,2 –alpha)Benzimidazoles. J Heterocyclic Chem .1988 ,25 :1087-1093.**
16. Possible association of fecal carriage of klebsiella in patients with ankylosing spondylitis and rheumatoid arthritis. .The Alexandria Medical Journal. 1991,33 (3,4) :123-135.
17. Antibacterial activity of candida species isolated from vulvovaginitis The Bulletin of the high institute of public health .1991,XX1(1):121-131.
18. Pathogenic properties of E coli isolated from urinary tract infection and feces from normal subjects. The Bulletin of the high institute of public health .1991,XX1(1):177-187.
19. Urinary tract infections: Diagnostic value of antibody –coated bacteria and lysozyme in urine. Bulletin Alexandria Faculty of Medicine . 1992 ,XXV111(2) :249-254.
20. Antibacterial activity of staphylococcus aureus isolated from impetigo and non-impetigo cases. The Bulletin of the high institute of public health .1991,XX1
21. Immunological alteration associated with end-stage renal failure. Journal Medical Research institute.1991 ,12: (3):369-387.
22. Detection of agglutinating antibodies against common and somatic antigens of Yersinia and E coli in connective tissue diseases. Bulletin Alexandria Faculty of Medicine . 1991 ,XXV11 (6) :1519-1521.
23. The effect of redox compounds on aminoglycosides sensitivity in pseudomonas strains . The Alexandria Medical Journal. 1992,34 (1,2) :67-80.
24. Plasmid profile of Klebsiella strains isolated from respiratory and urinary infections. The Alexandria Medical Journal. 1992,34 (1,2) :92-104.
25. Yersinia enterocolitica infection in connective tissue disease. Bulletin Alexandria Faculty of Medicine. 1992, XXV111 (2) :255-262.
26. Prevalence of gram-negative bacteria in commercially packed ice cream and pasteurized milk.Proc. 5th Sci. Cong. Fac. Vet. Med. ,Assiut.Univ,Nov 8-10,1992.Egypt :87-93.
27. Epidemiological study of some multiple resistant Pseudomonas aeruginosa and genetic nature of their antibacterial resistance. The egyptian Journal of Medical sciences .1992,13(2): 413-425.
28. Study of nasopharyngeal carriage of Neisseria meningitides in school children in Alexandria. Journal Medical Research institute.1992, 13: (2):165-178.
29. Endotoxin antibodies and B2 –microglobulin in patients under maintenance Haemodialysis. Journal Medical Research institute.1992, 13: (2):1-13.
30. Plasmid profile of multiple resistant E coli isolated from clinical specimens. The egyptian Journal of Medical sciences .1993, 8(1): 127-141.
31. Study of combination effects of nystatin and clotrimazole with some antibiotics on Candida albicans. The Bulletin of the high institute of public health .1993, XX111 (1):135-145.
32. Isolation of Legionella species from water samples. The Bulletin of the high institute of public health .1993, XX111 (3):539-547.
33. **Poliovirus detection in environmental samples by cell cultures and hybridization test. Ann Ig 1994; 6: 935-938.**

- 34. Detection of Hepatitis A virus in artificially contaminated mussels by Polymerase chain reaction. Microbiology-Aliments-nutrition .1994; 12; 179-183.**
35. Seroprevalence of HCV infection in Alexandria. Egypt. Journal Medical Research institute.1994, 15: (3):123-126.
36. Study of HIV seroprevalence in Alexandria. Egypt. Journal Medical Research institute.1994, 15: (3):133-137.
37. Microbiological analysis of sea water samples .Journal Medical Research institute.1994 ,15: (3):143-146
38. Some biochemical parameters and Helicobacter pylori infection in uremic patients with peptic dyspepsia. Journal Medical Research institute.1995, 16: (2):95-102.
39. Prevalence of HCV antibody and HBs Antigen in schistosomal patients in relation to some risk factors. The Bulletin of the high institute of public health 1995,25(3):605-612.
40. Prevalence of autoantibodies in hepatitis C virus positive blood donors. Journal Medical Research institute.1996 ,17: (1):209-213.
41. Musculoskeletal and dermatological disorders associating hepatitis C infection. Egyptian Rheumatologist.1996, 18(1):31-47.
- 42. Evidence of hepatitis E virus replication on cell cultures. Microbiologica. 1999; 22 : 77-83.**
- 43. Serum antibodies to polioviruses in Alexandria , Egypt. European Journal of Epidemiology. 1999; 15: 267-270.**
- 44. HAV and HEV infection in hospitalized hepatitis patients. in Alexandria ,Egypt. European Journal of epidemiology. 1999; 15: 603-609.**
45. Dual infection by Hepatitis C & B viruses in patients with Hepatocellular carcinoma in Alexandria .Egyptian journal of medical microbiology September 1999 ; 8: (4) : 703-712.
46. Role of cytokines as markers for immunomodulation in patients with hepatitis C The Bulletin of the high institute of public health .2002,32(4):833-846
- 47. Activation of RB /E2F signaling pathway is required for the modulation of hepatitis C core protein –induced cell growth in liver and non liver cells. 2004Cellular signaling 16(12):1375-1385.**
- 48. Activation of c-Jun NH2 –terminal kinase (JNK) signaling pathway is essential for the stimulation of hepatitis C virus (HCV) non structural protein3 (NS3) – mediated cell growth . 2005 Virology mar15;333(2):324-326**
49. 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. 2005 Journal Of Medical Research Institute; 26_(3):227-235.
50. Hashish, M.H., El-Barrawy, M.A., **kader, O** A., Abdel Rahman, N.W. TT virus among blood donors in Alexandria. (2005) The Journal of the Egyptian Public Health Association, 80 (5-6), pp.651-664.
51. 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
52. Diagnostic utility of viral load and biochemical markers in chronic hepatitis C viral infection associated with hepatic fibrosis 2006. Egyptian journal of medical microbiology 15(3):679-691
- 53. Hassan, M., Selimovic, D., Ghozlan, H., Kader, O. (2007):Induction of high molecular –weight(HMW) tumor necrosis factor (TNF)alpha by hepatitis C**

- virus(HCV) non structural protein 3(NS3) in liver cells is AP-1 and NF-kappaB – dependent activation. 2007. Cell signal.19(2):301-311**
54. **O.Kader**, A.Ghazal, E.I 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.
 55. **Allam AF, Kader O, Zaki A, Shehab AY, Farag HF. Assessing the marginal error in diagnosis and cure of Schistosoma mansoni in areas of low endemicity using Percoll and PCR techniques. Trop Med Int Health. 2009 Mar;14(3):316-21.**
 56. **.Hepatitis C virus (HCV) core protein triggers hepatic angiogenesis by a mechanism including multiple pathways . 2009. Hepatology may 49: 1469-1482**
 57. GF Helaly, Abou Schleib H, Fanaki NH, abdel **kader O**, Ali GH.Potential Co-prevalence of Plasmid-Mediated Quinolone Resistance Determinant qepA and 16S rRNA Methylase rmtB among E.coli Clinical Isolates from Alexandria- Egypt. J Egypt Public Health Assoc 2010; 85(5-6): 247-72
 58. **Kader Ola** , Samia Ebid , Nancy Mostafa , Shimaa El Sayed and Abeer Ghazal.Detection of Community Acquired Methicillin Resistance Staphylococcus aureus among Staphylococcus aureus isolates. 2011Journal of American Science; 7(1): 1109-1117.
 59. **Denis Selimovic, Hanan Ghozlan, Ola kader, Youssef Haikel M. Hassan. Hepatitis C Virus (HCV) Core protein mediated-invasion of Hepatocellular Carcinoma is Vascular Endothelial Growth Factor (VEGF) correlated Chemokine-1(VCC-1)-dependent Mechanism.2012.OMIC group conferences. virology.**
 60. **Mohamed Hassan, Denis Selimovic, Abdelouahid El-Khattouti, Hanan Ghozlan, Youssef Haikel, Ola kader. Hepatitis C virus-host interactions: Etiopathogenesis and therapeutic strategies 2012 World J Exp Med April 20; 2(2): 7-25**
 61. **Sobhy N, Aly F, Abd El Kader O, Ghazal A, Elbaradei A. Community-acquired methicillin-resistant Staphylococcus aureus from skin and soft tissue infections (in a sample of Egyptian population): analysis of mec gene and staphylococcal cassette chromosome 2012 Braz J Infect Dis. Sep-Oct;16(5):426-31**
 62. **Denis Selimovic, Abdelouahid El-Khattouti, Hanan Ghozlan, Youssef Haikel, a. Ola kader ,Mohamed Hassan. Hepatitis C virus-related hepatocellular carcinoma: An insight into molecular mechanisms and therapeutic strategies2012World J Exp Med Dec27;4(12):342-55**
 63. **Kader O**, Metwally D.E, **Ghazal A**, Helaly GF, Mahmoud M, Hassan M. Hepatitis C virus genotyping by INNO-LIPAHCV II and direct sequencing of the 5` UTR. 2013. N.Egypt.J. Microbiol. May 35:1-12.

64. **Kader O.**, Metwally D.E, Helaly G.F., El-Batouti G.A. Hassan M El Sawaf R. Mutation in the Precore region of HBV in chronic hepatitis B patients. 2013 J of American Science ;9(5):157-162
65. **Mohamed Hassan, Denis Selimovic, Abdelouahid El-Khattouti, Martine Soell, Hanan Ghozlan, Youssef Haikel, Ola Abdelkader, Mosaad Megahed Hepatitis C virus-mediated angiogenesis: Molecular mechanisms and therapeutic strategies 2014 World J Exp Med nov 14;20(42):15467-75**
66. Gamal Elden Ahmed El Sawaf , **Ola Abdel Kader Mahmoud** et al HCV genotypes and subtypes in hepatocellular carcinoma: 2014 Alexandria journal Hepatogastroenterology IVX(1): 1-14
67. **Thanaa Shalaby, Ola A Mahmoud, Gihan A El Batouti, Ebtihag E Ibrahim .Green synthesis of Silver nanoparticles ;Synthesis, Characterization and antibacterial activity 2015 Nanoscience and Nanotechnology, 5(2):23-29**
68. **Thanaa Shalaby, Ola Mahmoud, Affaf Al –Oufy Antibacterial embedded Nanofibers for water disinfection 2015 .International Journal of Materials Science and Applications 4(5):293-298.**
69. **Amel Gaber El Sheredy, Ola Abdel kader Mahmoud, Ebtessam Fathy El Ghazzawy Ghada Fahmy Helaly, Amel Aly El Naggat , Munzir Muzamil Mahadi 2015 Occult Hepatitis B virus infection in patients with blood diseases International Journal of current microbiology and Applied Sciences 4(1):1-10**
70. **Ola A kader , Gihan A . El Batouti , Abeer A Ghazal , Kholoud M .Baraka. 2015 . Hospital-acquired methicillin-resistant *Staphylococcus aureus* : Analysis of mec A gene and Staphylococcal Cassette Chromosome International Journal of current microbiology and Applied Sciences 4(9):805-815.**
71. Gamal El Din Ahmed El Sawaf a,1, **Ola Abd EL Kader Mahmoud**
a. Sherine Mohamed Shawky a,3, Hanan Mostafa Mostafa Mohamed, Hafez Hezam Ahmed Alsumairy 2015 Impact of occult hepatitis B virus infection on antiviral therapy in chronic hepatitis C patients Alexandria Journal of Medicine (2015) 51, 241–246

72. **Ola Abd El Kader Mahmoud** ^a, Abeer Abd El Rahim Ghazal Dalia El Sayed Metwally ^{a,*}, Mohamed Mohamed Shamseya Hamdallah Mohamed
2016 Detection of occult hepatitis B virus among chronic hepatitis C patients
Alexandria Journal of Medicine 52:, 115–123
73. Ghada F. Helaly¹, Sherine Shawky^{1,*}, Rania Amer², **Ola Abdel-kader**¹, Gamal El-Sawaf¹, Mohammed A. El Kholy² 2016 Expression of AcrAB Efflux Pump and Role of Mefloquine as Efflux Pump Inhibitor in MDR *E.coli* American Journal of Infectious Diseases and Microbiology, 2016, Vol. 4, No. 1, 6-13

- **Supervision of Msc & Ph D thesis submitted to the faculty of medicine, dentistry, Pharmacy, High Institute of Health & medical research institute Alexandria University.**

Supervision of Theses:

1. **Detection of the genes encoding aminoglycoside-modifying enzymes among clinical isolates of methicillin resistant *Staphylococcus aureus* Amira khaled Bedewy Master 2017**
2. **Viral etiologies of acute respiratory infection and Influenza-like illness in Egyptian children. Mohamed Youssef Eltalkhawy Master 2017**
3. **Prevalence of nasal carriage of methicillin resistant *Staphylococcus aureus* before and after admission to the medical research institute_hospital . Neveen Ali Ahmad Hmamm Master 2017**
4. **Phenotypic and Genotypic Patterns of Beta Lactam Resistance among *Pseudomonas aeruginosa* Clinical Isolates Amira ElBaradei PHD 2016**
5. **Phenotypic and Genotypic Patterns of Aminoglycosides Resistance among *Pseudomonas aeruginosa* Clinical Isolates Ahmed Noby PHD 2016**
6. **Study of antibacterial effect of combined treatment of silver nanoparticles, ultrasonic irradiation and antibiotics Rokaya Motawea Master 2016**
7. **Phenotypic and Genotypic Patterns of Beta Lactamase Resistance among *Acinetobacter* Clinical Isolates in Alexandria-Egypt Ghamdan Al Tahish PHD 2016**
8. **Characterization of Drug –Resistance Profiles to Directly Acting Agents in Hepatitis C Virus Naive Patients Marwa Ali Shawki PHD 2016**
9. **Phenotypic and Genotypic aminoglycoside resistance pattern in *Acinetobacter baumannii* clinical Isolates Shahinda Rezk Master 2015**

- 10. Prevalence of NS3 Protease (NS3) Mutations in Chronically Infected HCV Patients in Egypt and Comparison with That of Worldwide Isolates Iman Salah Naga PHD 2015**
- 11. Screening of Anti-Hepatitis C Virus Negative Blood Donors for the Presence of Occult Hepatitis C Virus Infection Rofaida Mahmoud Azab Master 2015**
12. Detection of Occult Hepatitis B infection among Blood Donors in Alexandria Sally Youssef **Master 2015**
13. GENOTYPING OF HEPATITIS B VIRUS IN ALEXANDRIA GOVERNORATE – EGYPT Ahmed Abd Alaziz Mohamed **Master 2015**
14. Detection of multidrug efflux in multidrug resistant *E. coli* clinical isolates Mohammed El Kholy **Master 2013**
15. Comparison between TaqMan probe technique and SYBR green method in detection of HCV patients Ahmed Noby **Master 2013**
- 16. Current status of HBV and HCV virological profiles in hepatocellular carcinoma in Yemen Abdulrahman Al-haifi PHD 2013**
17. **Detection of occult HBV among HCV infected patients. Hamdallah** Mohammed **Hamdallah Master 2013**
18. Comparison of Real Time PCR using SYBRgreen dye with Taqman probe technique for the detection of Hepatitis B virus DNA in serum samples. AbdulKhaliq AliAbkar kudaish (Yemen) discussed 2013
19. Green synthesis of silver nanoparticles and evaluation of their antibacterial activities. Ebtihag Eid Ebrahim Eid Mohamed. discussed 2013.
- 20. Impact of occult Hepatitis b virus infection on antiviral therapy in chronic hepatitis C . Hafèz Hezam Ahmed Alsumairy PHD discussed 2012**
- 21. Evaluation of HCV genotypes & sub genotypes and interferon sensitivity determining region (NS5A) as predictors of rapid virological response to pegylated interferon and ribavirin among HCV Egyptian patients Amel Gaber Mahmoud Elsheredy PHD discussed 2012**
22. Detection of occult hepatitis b virus infection among blood donors in sudan Ghanim El tahir Ahmed Yousif. (Sudan) discussed 2012
23. Genotyping of hepatitis B virus in Aden Governorate - Republic of Yemen Riyadh Saleh Hamoud Taher . discussed (Yemen) 2012

24. Evaluation of Anti-HCVIgG avidity index in acute and chronic hepatitis C. Ahmed Mahmoud Fahmy Shokr discussed 2012
25. Community acquired methicillin resistant *Staphylococcus aureus* from skin and soft tissue infection : Analysis of *mec* gene and Staphylococcal cassette chromosome Amira gaber Ali ElBaradei discussed 2012
26. Molecular typing of hospital acquired methicillin resistant *Staphylococcus aureus* isolates : analysis of *mec* gene and staphylococcal cassette chromosome Kholoud Maher Baraka discussed 2012
27. Virological profile of chronic HBV infected patients Reham Gamal Eldin ahmed el Sawaf discussed 2011
28. Molecular study of co-resistance to fluoroquinolones and aminoglycosides among *E. coli* clinical isolates. Ghada Hani Ali Nassef discussed 2011
29. HCV genotyping: Comparison between INNO-LIPA and conventional polymerase chain reaction . Marwa Ali Shawki mohammad Hassan discussed 2011
30. **Current status of hepatitis C Virus and hepatitis B Virus virological profiles (Serological markers, viral load ,and HCV genotyping) in Hepatocellular carcinoma Sherine Mohamed Shawki PHD discussed 2011.**
31. Detection of community acquired methicillin resistant *Staphylococcus aureus* among *Staphylococcus aureus* isolates . Shaimaa Salah El sayed Mostafa discussed 2009
32. Possible role of ALT in routine screening of blood donation for hepatitis C virus Yvonne Fouad Fam Farag discussed 2008
33. Aflatoxin Albumin adduct and some biochemical aspects in hepatitis B and C virus –associated hepatocellular carcinoma. Dina el Sayed Ahmed Mansour discussed 2008
34. **Active surveillance of methicillin resistant *Staphylococcus aureus* (MRSA) in Hadara orthopedic University hospital Alexandria. Amira Ezzat Hassan PHD discussed 2008**
35. Molecular detection of methicillin resistance among staphylococci isolated from clinical specimen . Ahmed Hassan Ahmed Gab Allah discussed 2007.
36. Detection of Human papilloma virus –DNA in oral squamous cell carcinoma and related lymph nodes Marwa Mounir Afifi discussed 2007
37. Study of the contribution of post transfusion viral hepatitis (TTV) to the severity of chronic liver disease Nesreen Mohamed Abd El –Razak El -Zaki discussed 2007
38. Prevalence of TT virus DNA among blood donors in Alexandria . Nader Wahba Abdel Rahman discussed 2005

- 39. Laboratory assays for the prediction of human cytomegalovirus infection in renal dialysis Nesrine Fathi Ahmed Helmi hanafi PHD Discussed 2005**
40. Diagnostic utility of viral load and biochemical markers in chronic hepatitis C viral infection associated with hepatic fibrosis Sherine Mohamed Shawki discussed 2006
41. Detection of p53 protein in serum of Hepatocellular carcinoma and hepatitis C virus patients. Naglaa Mohamed hamdi Ibrahim discussed 2005
42. Detection of hepatitis G virus infection among HCV positive and negative blood donors. Mohamed Ahmed Abd El –Naim Ahmed discussed 2005
43. Detection of hepatitis G virus infection among hemodialysis patients positive or negative for HCV infection. Amanyd Said Al -sisy discussed 2005
44. Cell mediated immune response in patients with chronic hepatitis HCV virus . Tarek Mohamed hammam Discussed 2002.
45. Transmission of hepatitis C virus between spouses. Nevien Abdel Hakeem Awad Mansour Discussed 2002
46. Hepatitis B virus and mutation of the p53 tumor suppressor gene in Hepatocellular carcinoma.. Nesrine Fathi Ahmed Helmi hanafi Discussed 2001
47. Study of the rheumatic manifestations in patients with hepatitis C viral infection. Fayza nour Discussed 2000.
48. Polymerase chain reaction for diagnosis of candidemia. . Reem harfoush Discussed 1999
49. Correlation of HBe, HBV- DNA and liver enzymes in HBs antigen positive blood donors in Alexandria. Maher tadros Discussed 1999.
50. Detection of HBV- DNA by Polymerase chain reaction in isolated antiHBc positive blood donors in Alexandria. Mervat youssef. Discussed 1999.
51. Correlation of hepatitis B virus serologic status with clinicopathologic features in Hepatocellular carcinoma. Dina Hatata. Discussed 1999 .
52. Serum arylsulphatase A and B activities and interleukin –1 B levels in liver diseases. Iman Shaaban. Discussed 1999.
- 53. Detection of Hepatitis B virus infection in anti-HCV positive cases in Alexandria. Ghada Helaly. PHD Discussed 1999 .**
- 54. A study of methicillin –resistant Staphylococcus aureus infection in the main Alexandria University hospital. . Mostapha Youssef PHD Discussed 1999**
55. A comparative study between the serological profile of hepatitis B,C viruses and HIV among professional and non-professional blood donors in Alexandria. . Ghada Helaly.master 1996

56. **Study of Helicobacter pylori and some biochemical parameters in uremic patients with peptic dyspepsia..Eman Khalil.PHD Discussed 1995**
57. Antibiotic resistance in Mycobacterium tuberculosis. . Joseph Tawfik .Discussed 1994
58. **Plasmid analysis as an epidemiological tool in the study of some multiple resistant strains isolated from clinical cases in Alexandria.. Gamal el Sawaf.PHD Discussed 1993**
59. Study of the possible association of Klebsiella infection in patients with ankylosing spondylitis and rheumatoid arthritis.. Omar fadl. Discussed 1991
60. Antibacterial activity of candida albicans isolated from cases of vaginitis.. Zeinab sobhi. Master Discussed 1990
61. Correlation between carcinoembryonic antigen (CEA)and C- reactive protein as prognostic parameters in patients with urinary bladder carcinoma.. Mohamed mors i Discussed 1987
62. Study of colicinogenicity of E.coli strains isolated from diarrheal and non- diarrheal children in Alexandria pediatric hospital. . Emad Metawew master Discussed 1987

- **Discussion of theses:**

1. Study of the effect of some antimicrobial agents on *Candida albicans* strains,. Ahmed mohsen Discussed 1991
2. Study of the role of *Chlamydia trachomatis* in seropositive spondyloarthropathy. Assem Saleh. Discussed 1993.
3. Comparative evaluation of in- vitro activity of different combinations of new B- lactam antimicrobial agents and amikacin against *Pseudomonas aeruginosa* using the checkerboard titration technique.. Azza ismail. Discussed 1995
4. Biochemical studies of the association of hepatitis E virus and hepatitis C virus infection in blood donors.. Omhashem mustapha.abd El hameed Discussed 2000
5. Characterization of *Campylobacter* isolates using restriction fragment length polymorphism of flagellin gene and polyacrylamide gel electrophoresis of cell prote ins .. Hoda abd el hadi Discussed 1996
6. Factors influencing oral colonization of yeasts among diabetic patients.. Mohamed El Dessouky. Discussed 1996
7. Hepatitis C virus serological status among cases of Hepatocellular carcinoma Irene samir. Discussed 2000.
8. Microbiological profile of Kareish and Romy cheese in Alexandria markets. Discussed 2001. Heba abd el Hadi
9. Evaluation of Polymerase chain reaction (PCR) the direct microscopy and the culture for the detection of *Mycobacterium tuberculosis* in the sputum.. PHD (pharmaceutical microbiology) Abeer abd El Rehim Ghazal. Discussed 2001
10. Use of polymerase chain reaction in diagnosis of onychomycosis. Lamia EL hadidi. Discussed 20002
11. Biochemical study of gamma glutamyl transpeptidase glutathione S-transferrase activities and interleukin –1 B levels in chemical and viral hepatitis. Mona ahmed ibrahim Dessouki. Discussed 2002
12. Detection of anti HCV antibodies by using synthetic viral peptides in hepatitis patients
13. Dahlia galal Eldin Hassan Hamouda Discussed 2003
14. Study of infectious diarrhea in the elderly Mohammed Metwalli Ibrahim Hassan Discussed 2005
15. Molecular studies on cytochrome p450 lanosterol 14 alpha –demethylase gene from fluconazole resistant *Candida albicans* clinical isolates Doctor degree Reem abdel hameed harfoush Discussed 2005
16. Molecular typing and characterization of strains of *Salmonella typhi* isolated in Alexandria Doctor degree Sarah Magdy Abdel Hamid Mohammed Discussed 2005
17. Study of CMV –DNA in peripheral blood polymophonuclear leukocytes among dialysis patients Ahmed Ibrahim Tolba Talaya . Discussed 2006
18. Nasal carriage of *Staphylococcus* species in hemodialysis patients .Nashwa Fawzi Azam 2008
21. Effect of adding rifampic in alone or with gentamycin to vancomycin in treating Methicillin Resistant *Staphylococcus aureus* pneumonia in critically ill patients . Discussed Hani Safwat Thabet . Discussed 2011
22. Comparison between HCV-RNA in serum and peripheral blood mononuclear cells of patients during the treatment with ribavirin and interferon .Nihal Fawzy Discussed in 2015
23. The effect of flushing and chlorhexidine on the bacteriological quality of dental unit water system : a comparative study .Sarah El-Nhass Discussed in 2017
24. Detection of bacterial pathogens causing ventilator associated pneumonia in intensive care unit risk factors and antibiotic resistance . Rasha ElSheikh Discussed in 2017

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- **Others:**

- **Evaluation of the scientific publications of the Lecturers and the Assistant Professors**

1. prof Mohamed Abdel Hamid 1999 Medicine Minia
2. A. prof Manal Mokhtar 1999 Medicine Ains shams
3. A. prof Hossam Abd Alaziz 2000 Medicine Zagazig
4. Lecturer Nehal Draz 2003 Medicine Ains shams
5. A. prof Mohammad A. El Ela 2006 Medicine Mansoura
6. A. prof Laila Kholeif 2008 Medicine Ains shams
7. A. prof Gehan A el Shenawy 2009 Medicine Zagazig
8. Lecturer Ebtisam Kamel 2010 Medicine Tanta
9. A. prof Kamal Fahmy 2011 Medicine Zagazig
10. A. prof Sahar Taher 2011 Medicine Mansoura
11. A. prof Mohamed Badari 2011 Medicine Assuit
12. Lecturer Ghada El Nady 2011 Medicine Mansoura
13. Lecture rRehab ElSokkary2015 Medicine Zagazig
14. Lecturer Atef Shehata 2016 Medicine suez canal
15. Lecture Nissreen El badawy2016 Medicine Zagazig

- **Evaluation of projects (ALEX REP):**

1. A novel drug delivery system for the active form of Berberine nanoparticles as a curative agent in treatment of HCV infection
2. Development of potential vaccine candidates against Schistosoma mansoni using novel delivery systems.
3. Seroprevalence of Helicobacter pylori antibodies to six antigens and its clinical relevance to gastrointestinal disorders, hepatocellular carcinoma and hematological malignancies.

- **Participation in projects:**

1. Study of nasopharyngeal carriage of Neisseria meningitides in schoolchildren in Alexandria (Alexandria university) 1991-1992
2. Microbiological analysis of sea water of Alexandria Egypt with Italian partner Tor vergata university
3. Study of the heterosexual transmission of Hepatitis C virus with Italian partner Tor vergata university
4. Assessment of the marginal error in diagnosis of and cure from schistosoma mansoni in low endemic areas using sensitive techniques WHO TDR Project: SGS05/229
5. Impact of nanotechnology in water and waste water treatment (ALEX REP) .2011.
6. Detection and quantification of Schistosoma mansoni by real time PCR in an area of low endemicity WHO Project 2011

- **Alexandria University award for scientific promotion 1990**