

CURRICULUM VITAE



Personal Information:

- Name** : Hamida Mostafa Abou-shleib
- Sex** : Female
- Date/ Place of Birth** : June 8, 1951, Tanta-Egypt.
- Marital Status** : Married (has four children).
- Address** : Department of Pharmaceutical Microbiology,
Faculty of Pharmacy, Alexandria University,
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- Languages** : Arabic: Mother tongue.
English: Very good (reading, writing and speaking).
French: Good (reading, writing and Speaking).
- Current Position** : Professor and Head of the department of
Pharmaceutical Microbiology,
Faculty of Pharmacy, Alexandria University.

Scientific Degrees:

- 1- Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt (1974).
- 2- Master degree of Pharmaceutical Sciences (Pharmaceutical Microbiology), Faculty of Pharmacy, Alexandria University, Egypt (1977).

3- Ph.D in Pharmaceutical Microbiology, Faculty of Pharmacy, Alexandria University, Egypt (1980).

Scientific Positions:

- 1- Demonstrator in the Pharmaceutical Microbiology Department (1974 -1977) - Faculty of Pharmacy, Alexandria University, Egypt.
- 2- Assistant lecturer in the Pharmaceutical Microbiology Department (1977-1980) -Faculty of Pharmacy, Alexandria University, Egypt.
- 3- Research Associate in the Department of Medical Microbiology and Immunology (1980-1982) - Stanford University, CA., U.S.A.
- 4- Lecturer in the Pharmaceutical Microbiology Department (1982 -1987) - Faculty of Pharmacy, Alexandria University, Egypt.
- 5- Assistant Professor in the Pharmaceutical Microbiology Department (1987 -1992) - Faculty of Pharmacy, Alexandria University, Egypt.
- 6- Professor in the Pharmaceutical Microbiology Department (1992-present) - Faculty of Pharmacy, Alexandria University, Egypt.
- 7- Head of Pharmaceutical Microbiology department (2005- present)

Scientific Experiences :

- 1- Teaching and supervision of practical course of Microbiology for second year pharmacy students.
- 2- Teaching and supervision of practical course of Public Health and Parasitology for third year pharmacy students.
- 3- Teaching the undergraduate pharmacy students the theoretical courses of Pharmaceutical Microbiology, Public Health and Parasitology.
- 4- Teaching the Postgraduate Pharmacy Students Special courses in Pharmaceutical Microbiology.

- 5- Participates in teaching diploma in Pharmaceutical Microbiology.
- 6- Running Post-doctoral research at Stanford university, California, USA (12/1980-4/1982).
- 7- Teaching of Pharmaceutical Microbiology and Public Health course for the Oman Assistant Pharmacy Institute Students (1992-1993).
- 8- Teaching of Pharmaceutical Microbiology and Public Health course in the Faculty of Pharmacy Arab Beirut University (1995- 2001).
- 9- External examiner for undergraduate pharmacy students in all Egyptian Universities.
- 10- Participates in writing the practical notes for second and third year students.

Awards :

- *Recipient of the University award for Sciences from the University of Alexandria (1988).
- *Recipient of the innovation award from the third international conference on biotechnology for the wellness industry and wellness industry exhibition, kuala lumpor, Malaysia (8-10/10/2010)

Membership:

- Egyptian Pharmaceutical Society.
- American Society for Microbiology (1980-1983).

Attendance of Conferences and Meetings:

- 1- Asilomar for Microbiological Sciences. Asilomar. CA. U.S.A (2-5 February 1982).
- 2- The 82nd annual meeting of American Society for Microbiology Atlanta, Georgia. U.S.A. (7-12 March 1982).

- 3- Annual Scientific Congress, Faculty of Medicine, Alex. University (13-16 March 1987).
- 4- Third Congress of the Mediterranean Society of Therapy, Barcelona (1988).
- 5- WHO Course on Immunology and Biotechnology Applied to Infectious Diseases at WHO Immunology Research and Training Course, Geneva/Lausanne Switzerland (13 September - 21 October 1989).
- 6- Third World Conference on Environmental and Health Hazards of Pesticides, Cairo, Egypt (11-15 December 1989).
- 7- International Conference of Pharmaceutical Industries, Alexandria, Egypt (16-14 May 1990).
- 8- The Second Annual Congress of the Association of Arab Pediatric Societies, Cairo, Egypt (12-13 December 1990).
- 9- FIP 97, Vancouver, Canada (September 1997), and the following research was published: "Design of Triple Antibiotic Combination system Effective against Resistant Clinical strains of *Pseudomonas aeruginosa*".
- 10- Biovision Alexandria, 2004, the new life Sciences: Ethics, Patents and the Poor, Alexandria, Egypt (3-6 April 2004).
- 11- The Faculty and Leadership Development Project (FLDP) Courses for:
 - * Site law, (7-9 May 2005).
 - * Decision Making / Problem Solving, (8-11 April 2006).
 - * Time / Stress Management, (19-21 November 2006).
 - * Financial Affairs, (3-5 December 2006).
 - *financial affairs,law site(25/112010) faculty of nursery.
- 12- Participate in the conference of funding Higher education development project "Evaluation of experiment and future vision", Elazhar conference hall, Nasr city, Cairo (20/3/2007).
- 13- The second Employment Fair, faculty of pharmacy, Alexandria university (2, 3/4/2007).

*Seminar on education and research, Alexandria university and Tampere University(Finland),23/4/2007

*Seminar on AIDS and the services rendered in Egypt for the co-existing with the virus and the disease,the American center, Alex, 21/12/2008.

14- The second training forum "Together for a Better Future for continuous Training",faculty of pharmacy, Alex university,the new building,third floor (18 February 2009).

15- The Fourth International Conference of Pharmaceutical and Drug Industries Research Divisions under the theme:RESEARCH &DEVELOPMENT IN DRUGS "CURRENT CHALLENGES",the national research center ,Cairo,Egypt,3-5/3/2009.

16-the scientific conference of the faculty of science 15-16/9/2010

17-the third international conference on biotechnology for wellness industry” - third ICBWI”-8-10/10/2010-pultra world trade center kuala lumpor, Malaysia

18-Microsoft E-content Development Training ICTP- 2009

Participation in projects:

1- A member of QAAP (Quality Assurance and Accreditation project)

*** Meetings and Seminars related to QAAP:**

- Seminar on "Bolonia agreement for unifying the postgraduate courses", Alexandria university and vacso university, Sweden, at the conference center, faculty of nursing, Smouha (10,11/12/2006).

- Lecture on "USP monograph development" presented by Dr. Salah Moustafa Balih, assistant professor in the Pharmaceutical analytical chemistry department and member of USP council of experts (3/1/2007).

- Seminar on "Bird Flu and Pharmacist Role" contributing with the faculty of veterinary medicine, Alexandria university and WHO (10/3/2007).
- Workshop on "Self evaluation and courses development in the European courses changing system", Tempus project, Egyptian European co-operation, at the conference center, faculty of nursing, Smouha (12/3/2007).
- Seminar on education and research, Alexandria university and Tampere university, Finland, at the conference hall, faculty of medicine, Alexandria university (23/4/2007).
- Meeting with Alexandria university leaderships "Student assessment: A Mandatory Requirement for Accreditation", Alexandria university (27/5/2007).

2- A member of CIQAP (Continuous Improvement and Qualifying for Accreditation Project)

*** Meetings and Seminars related to CIQAP:**

- Meeting with Alexandria university leaderships in the CIQAP promotion campaign, at the faculty of nursing, Smouha (2/12/2007).
- Seminar on the construction of internal system of Quality Assurance project, at Alexandria conference center, faculty of nursing, Smouha (13/5/2008).
- Seminar on Quality management in medical laboratories and new academic programs in Egyptian Universities, Conference center, faculty of medicine (24/11/2008).
- Training Course titled "The Electronic Consistency".
- Attending a work shop to be acquainted with the Competitive projects according to the CIQAP, conference center, faculty of nursery, smouha, alex university, 17/5/2009.

- Attending a lecture given by dr Ahmed Farghaly about CIQAP:vision and mission. faculty of pharmacy, Alex university 18/12/2010.
 - Work shop organized by dr Mohammed el Kersh on preparation of the different kind of the editorial “written” oral and practical examination. Faculty of pharmacy, Alex university, 6-9/12/2010
- 3- Participates in the construction of the biotechnology unit in the faculty of pharmacy, Alexandria University as a part of the CIQAP.

Scientific Activity:

I- Participate in the supervision of the following thesis:

1- Effect of curing of R-plasmids on their Persistence among Enterobacteria.

Presented by: Hoda G .Omar (1989) for Master Degree in Pharmaceutical Microbiology.

2- Bioavailability Study of Different Long Acting Penicillin Preparations in the Serum of children With Rheumatic Heart Disease.

Presented by: Zizette Mahmoud Kamel (1989) for Master degree in Pediatric Medicine.

3- A Comparative Study of the Bioavailability of Traditionally Used Dose of Benzathine Penicillin G with a Double Dose In Prophylaxis of Rheumatic fever.

Presented by: Soheir Moustafa (1992) for the master degree of Paediatric Medicine.

4- Microbiological Study to Maximize the Activity of Aztreonam.

Presented by: Mervat A. Kassem (1995) for Master degree in Pharmaceutical Microbiology.

5- Comparative Efficacies of some New Fluoroquinolones Against Different Clinical Isolates Using Simulated In-vivo Model.

Presented by: Hoda G. Omar (1995) for Ph.D. Of Pharmaceutical Microbiology.

6- Antibacterial Activity of Multiple Antimicrobial Systems against *Pseudomonas Aeruginosa*.

Presented by: Moustafa Ismail EL. Ammori (1997) for Master degree in Pharmaceutical Microbiology.

7- Comparative studies on the Bacterial Resistance of Local Isolates to some Third and Fourth Generation Cephalosporins.

Presented by : Mervat A. Kassem (2000) for Ph.D of Pharmaceutical Microbiology.

8- Post-antibiotic Effect of Chemotherapeutic Agents on Biofilm Forming Catheter Infectious Bacteria.

Presented by: Moustafa Ismail El-Ammori (2001) for Ph.D of Pharmaceutical Microbiology.

9- Comparative Microbiological Study on the Bactericidal Activity of Antibiotics Against Clinical Isolates of *Staphylococcus aureus*.

Presented by : Mohammed Bahey El-Din (2004) for the Master degree of Pharmaceutical Microbiology.

10- Influence of Natural and Synthetic Pharmaceutically Important Polymers on the Activity of Different Antimicrobial Agents.

Presented by: Alaa Aboul Fetouh Youssef (2006) for the Master degree of Pharmaceutical Microbiology.

11- Microbiological Studies on Certain Antihistaminics-Antibiotics Combinations.

Presented by: Omar Mohamed El-Halafawi (2008) for the Master degree of Pharmaceutical Microbiology.

12- Comparative Microbiological Study of the Old and Recent Members of Macrolides and Ketolides.

Presented by: Nihal Kadry Abdelmonem Mohammad for the Ph.D of Pharmaceutical microbiology.

13- Metallo- β -lactamase Production among Gram-negative Bacilli Isolated from Clinical Samples.

Presented by: Marwa Gamal Badie Mohamed Abd-Allah Bsc. Sciences, Faculty of Pharmacy, Alexandria University (2004) for the Master degree of Pharmaceutical Microbiology.

14- Comparative Microbiological Study of Old and Recent Members of Macrolides and Ketolides.

Presented by: Nihal Kadry Moussa (2008) for Ph.D of Pharmaceutical Microbiology .

15- Isolation and Characterization of Selected Biopolymer-Degrading Microorganisms.

Presented by: Rana Magdy Shalabi (under research) for the Master degree of Pharmaceutical Microbiology.

16- Optimization of Monoclonal Antibody (Anti-CD₃) Production by Hybridoma Cell at Different Scales.

Presented by: Hasnaa Rabie Mohamed Shahin (3/ 2010)for the Master degree of Pharmaceutical Microbiology.

17- Microbial Biofilm; Formation, Control and Eradication: A Microbiological Study.

Presented by: Alaa Aboul Fetouh Youssef (29/6/2010)for Ph.D of Pharmaceutical Microbiology.

18- A Microbiological Study on Biosurfactants Production from Different Microbial Isolates in Egypt.

Presented by: Fatma Salah El-Din Dabbous (under research) for Ph.D of Pharmaceutical Microbiology.

19- Microbiological Studies on Colistin using Pan-Drug Resistant Gram-negative Clinical Bacterial Isolates.

Presented by: Yasmine Fathy Mohamed Mahmoud (under research) for the Master degree of Pharmaceutical Microbiology.

20- Molecular Identification of different Viruses Causing Aseptic Meningitis.

Presented by: Karim Maged Elghazouly for the Master degree of Pharmaceutical Microbiology (23/12/2010).

21- Molecular Study of Co-Resistance to Fluoroquinolones and Aminoglycosides among Escherichia coli Clinical Isolates.

Presented by: Ghada Hani Ali Nassef (under research) for the Master degree of Pharmaceutical Microbiology.

22- A molecular Study of Sulphonamides Resistance among *Escherichia coli* Isolated From Urine.

Presented by: Marwa Ahmed Atef Abdel Aziz Yakout (under research) for the Master degree of Pharmaceutical Microbiology.

23- Detection of CTX-M Extended Spectrum β -Lactamases Among Clinical Isolates Of *Esherichia coli* and *Klebsiella pneumoniae* Using Phenotypic and Genotypic Methods.12/2010

Presented by: Nermin Mamdouh Draz - for the Master degree of Pharmaceutical Microbiology.

II- Participate in the evaluation of the following thesis:

1- Biological and Biochemical Interaction of *Bacillus thuringiensis* Toxin on Pink Borer *Sesamia Cretica*.

Presented by: Mohamed Ibrahim Fahmy for the Master degree of Science.

2- A Study of Diagnostic Methods for the Identification of Hepatitis C Virus.

Presented by: Abeer Abdel Rehim Ghazal (1997) for the Master degree of Pharmaceutical Microbiology.

3- Microbiological Studies on Certain Gastrointestinal Diseases among Egyptians.

Presented by: Abeer Khairy Abd El Aal (1998) for the Master degree of Pharmaceutical Microbiology.

4- Evaluation of the Effect of Chitosan on the Activity of Some Antimicrobial Agents.

Presented by: Dina Raafat Gouda Fouad (2004) for the Master degree of Pharmaceutical Microbiology.

5- Optimization of the Biotechnological Production of Cyclosporin A

Presented by: Rania Ragab Abo-zahra (2006) for the Master degree of Pharmaceutical Microbiology.

6-The use of bacteriocin, plasmids and serotyping as finger printing of Klebsiella.

Presented by: Sahar Ahmed Mohamed Mandour (2007) for the Ph.D degree of Pharmaceutical Sciences (Microbiology).

7- Influence of certain herbal extracts on the activity of antimicrobial agents against clinical microbial isolates.

Presented by: Fatma Salah El Din Dabbous (2007) for the Master degree of Pharmaceutical Microbiology.

8- Studies on the production of antimicrobial agents by actinomycetes isolated from Egyptian soil.

Presented by: Areej Mostafa Mahdy (2008) for the Master degree of Pharmaceutical Microbiology.

9- Microbiological and Molecular Effects of Salicylates and Other Weak Acids on the Activity of some Antibiotics against Gram- negative Bacteria.

Presented by: Lamiaa Abdullah Mohamed Al-Madboly (2008) for the Master degree of Pharmaceutical Microbiology.

10- #Evaluation and characterization of A and B fragments of *corynebacterium diphtheriae* toxins towards recombinant diphtheria vaccine(2009).

11- Epidemical study of hepatitis C virus(HCV) in Sudanese patients.

Presented by: Mohammed el Fateh Mohammed said (10/3/2010) for the Master degree of Pharmaceutical Microbiology,cairo university.

12- study on the enhancement of microbial degradation of chemical pollutants.

Presented by: Reham samir Mohammed Mohammed (10/3/2010) for the Master degree of Pharmaceutical Microbiology.

13- evaluation of immune response of bacterial toxins utilized as potent adjuvant.

Presented by: fatma Ahmed Ramadan Ahmed (8/12//2010) for the Master degree of Pharmaceutical Microbiology.

III- Participate in the evaluation of the scientific committees for the positions of assistant professor and professor of the scientific papers presented by:

1- Dr. Anwar Ahmed Abd-elati, lecturer in the faculty of medicine, suez canal university, for the position of assistant professor (1999).

2- Dr. Mervat Abd el-hamid Mohammed, assistant professor in the faculty of medicine, Ein Shams university, for the position of professor (1996).

3- Dr. Fekry El-sayed Morsi Ibrahim, assistant professor in the faculty of medicine, El-mansoura university, for the position of professor ().

- 4- Dr. Mona Amin, lecturer in the faculty of pharmacy, Assiut university, for the position of assistant professor (2004).
- 5- Dr. Gamal Fadl, lecturer in the faculty of medicine, Menia university, for the position of assistant professor (2005).
- 6- Dr. Amina Amal Mahmoud Nour El-Din, assistant professor in the faculty of medicine, Alexandria university, for the position of professor (2006).
- 7- Dr. Manal Mohamed Yassin Moustafa, assistant professor in the faculty of medicine, Ein-Shams university, for the position of professor (2007).
- 8- Dr. Ramadan Domany, lecturer in the faculty of pharmacy, Helwan university, for the position of assistant professor (2008).
- 9- Dr. Thaana Mohy el-din, assistant professor in the faculty of medicine, El-mansoura university, for the position of professor (2009).

- 10- Dr. Amal Eeisa el-din, lecturer in the faculty of pharmacy, Bani Sweif university, for the position of professor (2009).
- 11- Dr. mohammed mabrouk, assistant professor in the faculty of pharmacy, Cairo university, for the position of professor (mars 2010).
- 12- Dr. sohair, assistant professor in the faculty of medicine, El Mansoural university, for the position of professor (mars 2010).

IV- Participate in the evaluation of the following scientific papers:

- 1- Effect Of Acetyl Cysteine On The Antibacterial Activity Of Some Antibiotics Against Multiple Resistant Clinical Isolates, Alexandria journal of Pharmaceutical Science (2004).

- 2- Some Factors Affecting The Antimicrobial Activity Of Chitosan, New Egyptian journal of Microbiology(2006).

3- The Effect Of Some Factors On The Antibacterial Activities Of Diclofenac, Salicylate, Some Antibiotics And Their Combinations, New Egyptian journal of Microbiology (2006).

4- Comparative Antibacterial Activities Of Five Non-steroidal Anti-inflammatory Drugs And Their Combinations With Different Antibiotics, New Egyptian journal of Microbiology (2006).

5- The Effect Of Salicylate On The Antibacterial Activities Of Different Antibiotics, Egyptian journal of Biotechnology (2006).

6- Bacteriostatic And Bactericidal Activities Of Some Diclofenac-Antibiotic Combinations, New Egyptian journal of Microbiology (2006).

7- Effect of Five Non-steroidal Anti-inflammatory Drugs On The Antifungal Activities Of Nystatin And Fluconazole Against *Candida albicans*, New Egyptian journal of Microbiology (2007).

8- Comparative Bactericidal Activities Of Five Fluoroquinolones Used In Ophthalmology And Their Combination With Anti-inflammatory Eye Drops Against Ocular Bacterial Isolate, New Egyptian journal of Microbiology (2008).

9- Phenotypic Evaluation Of Imipinem and Meropenem Activity Against Some Gram-negative Multiresistant Clinical Isolates, New Egyptian journal of Microbiology (In press).

9-A set of phenotypic tests for the detection of metallo-B-lactamases in multiresistant gram negative clinical isolates, New Egyptian journal of Microbiology (2010).

List of Publication:

- 1-** Effect of Antecedent Growth Conditions on Sensitivity of *Escherichia coli* to Phenylpenol. Hamida Abou-Shleib, James D. Berg and Abdul Matin. FEMS Microbiology letters; 19: 183-186 (1983).

- 2-** Combined Action of Amoxycillin and Dicloxacillin against *Staphylococcus aureus* in vitro. R.T. Yusef, Gisele Tawil and Hamida Abou-Shleib. Pharmazie; 40:650-651 (1985).

- 3-** Effect of Selected Plasmids on The Serum Sensitivity of *Salmonella typhimurium* Strains with Defined Lipopolysaccharide Core Defects. Hamida Abou-Shleib, A.E. Elkhoully and Robert J. Roantree, FEMS Microbiology letters; 36: 27-30 (1986).

- 4-** Effect of Curing R-plasmids in Salmonella Species on Their Serum Sensitivity. A.E. Elkhoully and H. Abou-Shleib. International Journal of Clinical Pharmacology, Therapy and Toxicology; 24(8): 433-437 (1986).

- 5-** Synthesis, ¹³C-NMR Characterization and Antimicrobial Properties of a Novel Series of 6" (Substituted thiocarbamoyl) hydrazino- 1, 2, 4- triazino (5, 6, b) Indole Derivatives. A. Mohsen M.E. Omar, Nabil H. Eshba and Hamida M. Abou-Shleib. J. Heterocyclic Chem.; 23: 1731-1735 (1986).

- 6-** Aminodiazine: A Molecular Compound of Sulfadiazine and Ethylenediamine. Y. Hammouda, Z. A. El- Gholmy, H. Abou-Shleib and L. K. El- khordagui. Drug Development and Industrial Pharmacy; 12 (6): 875-888 (1986).

- 7-** The Combined Activity of Nystatin and Cetrимide against *Candida albicans*. Hamida M. Abou-Shleib and Ramzy T. yousef, J. MRI.; 8: 81-87 (1987).
- 8-** In-vitro Studies on the Susceptibility of *Staphylococcus aureus* to Trimethoprim and Sulphamethoxazole. Hamida M. Abou-Shleib and Ramzy T. yousef, J. MRI.; 8: 1-10 Supplement (1987).
- 9-** Buccal Absorption and Antimicrobial Efficiency of Chlorhexidine and Hexetidine In Mouth Wash Preparations. Abdel- Ghany E. Elkhoully and Hamida Abou-Shleib, Alex. J. Pharm. Sci.; 1: 7-11 (1987).
- 10-** Synthesis and Evaluation for Antitumor and Antimicrobial Activities of New 4- phenyl 1-2-oxobutenal -1,2- bis-Thiosemicarbazone Derivatives. A. Mohsen M. E. Omar, Ibrahim Shaban, Ahmed M. Hassan and Hamida Abou-Shleib. Alex. J. pharm. Sci.; 1: 17-22 (1987).
- 11-** Synergistic Activity of Mezlocillin-Aminoglycoside Combinations against Clinical Isolates of *Pseudomonas aeruginosa*. A. E. Elkhoully, M.A. Fawzy and Hamida Abou-Shleib, presented in the Annual Scientific Congress, Faculty of Medicine, Alex, University (13-16 March 1987) and published in J. MRI.; 8: 269-277 supplement (1987).
- 12-** Synthesis and Antimicrobial Evaluation of 2-Methyl-3-Substituted-4(3H)-Quinazolinones. Ahmed M. Farghaly, Abdel Mohsen M. E. Omar, Mounir A. khalil, Mohamed A. Gaber and Hamida Abou-Shleib, Eur. J. Med. Chem; 22: 369- 371 (1987).

- 13-** Mutation Incidence in Enterobacteria by Fluroquinolones II: Effect of Ofloxacin and Ofloxacin / Streptomycin Combination. A. E. Elkhoully, Gisele G. Tawil and Hamida M. Abou-Shleib, Alex. J. Pharm. Sci.; III (2): 148-150 (1989). I, II are presented in the Third Congress of the Mediterranean Society of Therapy, Barcelona (1988).
- 14-** Effect of Some Factors Influencing Curing of R- plasmids among Enterobacteria. A. E. Elkhoully, Hamida M. Abou- Shleib and Hoda G. Omar. Alex. J. pharm. Sci.; 4 (1): 1-4 (1990) presented in the Third Congress of the Mediterranean Society of Therapy, Barcelona (1988).
- 15-** Mutation Incidence in Enterobacteria by Fluroquinolones I: Effect of Ciprofloxacin and Ciprofloxacin / Streptomycin Combination. A. E Elkhoully, Gisele G. Tawil and Hamida M. Abou-Shleib. Alex. J. Pharm. Sci.; III (2): 126-129 (1989).
- 16-** Novel Thiosemicarbazones, Thiazolines and Thiazolidinones Derived from Chalcones : Synthesis, Antimicrobial and Anticancer Properties. A. Mohsen M. E. Omar, Ibrahim C. Ahmed, Omaima M. Aboul wafa, Ahmed M. Hassan, Hamida Abou-Shleib and khadiga A. Ismail. Alex. J. pharm. Sci.; III (2): 211-216 (1989).
- 17-** Synthesis and Evaluation for Antibacterial and Antifungal Activities of New 5-Dimethylamino-1-aryl and 1 (2-furyl)-1-penten-3-One-3-Substituted Thiosemicarbazone Derivatives. A. Mohsen M. E. Omar, Ibrahim C. Ahmed, Ahmed M. Hassan, Omaima M. Aboul Wafa, Hamida Abou-Shleib and Khadiga A. Ismail. Alex. J. Pharm. Sci.; III (2): 224-227 (1989).

- 18-** Potentiation of the Antimicrobial Activity of Crystal violet by Sub-inhibitory Concentrations of Cetrimide. Hamida Abou-Shleib and Ramzy T. yousef. Alex. J. pharm. Sci.; 4 (1): 63-65 (1990).
- 19-** Influence of Combined Heat and Antimicrobial Preservatives on *Bacillus Stearothermophilus* Spores. Hamida Abou-Shleib and Ramzy T. yousef, Alex. J. pharm. Sci.; 4 (2): 107-110 (1990) presented in the International Conference of Pharmaceutical Industries (1990).
- 20-** Effective Elimination of Drug Resistance (R-Factor) in Enterobacteria. A. E. Elkhoully, Hamida Abou-Shleib and Hoda G. Omar. Alex. J. pharm. Sci.; 4 (2): 165-168 (1990) presented in the International conference of pharmaceutical Industries (1990).
- 21-** Synthesis and Antimicrobial Activity of Novel Thiophene Derivatives: Omaima M. Abou El Wafa, Hamida Abou-Shleib and A. Mohsen M. E. Omar. Alex J pharm Sci.; 4(2): 168-171(1990).
- 22-** Synthesis and Evaluation for Antibacterial and Antifungal Activities of New 1- phenylhydrazono-2-(substituted thiocarbamoyl) hydraznoyruvaldehyde and the corresponding- Thiazoline and Thiazolidinone Derivatives: A. Mohsen ME. Omar, Ibrahim C. Ahmed, Ahmed M. Hassan, Omaima M. Aboul wafa, Hamida Abou-Shleib and Khadiga A. Ismail. Alex J pharm. Sci.; 4(2): 182-186 (1990).
- 23-** The Influence of Subinhibitory Concentrations of Cetrimide and Benzalkonium Chloride on the Antimicrobial Activity of Preservatives. Hamida M. Abou-Shleib. J Med Res Inst.; 11 (3): 65-79 (1990).

- 24- Synthesis of 3-Aryl-2-Substituted-4-(3H)-Quinazolines as Potential Antimicrobial Agents. A.M. Farghaly, A. Mohsen M. E. Omar, M.A. Khalil. and M.A Gaber. *Il Framaco*; 45(4): 431-438 (1990).
- 25- Transferable Drug Resistance among Clinical Isolates of Enterobacteria. Abdel-Ghany E. El-Khouly, Hamida M. Abou-Shleib and Hoda G Omar. *Mans. J. Pharm. Sci*; 7 (3): 355-368 (1991).
- 26- Sporicidal Activity of Glutaraldehyde. Hamida M. Abou-Shleib. *J Med Res Inst.*; 12 (1); 123-138 (1991).
- 27- Biocidal Activity of Chlorhexidine and Cetrime against Various Oral Microorganisms: Hamida M. Abou-Shleib. *Alex. J. pharm. Sci.*; 5 (2): 160-162 (1991).
- 28- The preservative Activity of Cinnamon Oil. Hamida M. Abou-Shleib. *Alex. J. pharm. Sci.*; 5 (2): 236-238 (1991).
- 29- Composition of the Essential Oil of Egyptian Cupressus Sempervirens L. Cones: F.F. Kassem. F.M. Harraz, N.A. EL-Sebakhy, H.L. Depooter, N.M. Schamp and H.Abou- Shleib. *Flav and Frag. J.*; 6: 205-207 (1991).
- 30- Differences in Serum Penicillin Concentrations following Intramuscular Injections of Benzathine penicillin G (BPG) from different Manufacturers. Salah R.Zaher, Ahmed S. kassem, Hamida Abou-Shleib, A.E EL-Khouly, Ahmed A. Madkour and Edward L. Kaplan. Presented in the second Annual Congress of the Association of Arab Pediatric Societies (1990). *J. pharm. Med.*; 17-23 (1992).

31- Bioavailability Study of Different Long Acting Penicillin Preparations in The Serum of Children with Rheumatic Heart Disease. A. S. Kassem. Omar Azouni, Tarek El-walili and H. Abou-Shleib. Alex. J. Paediatr.; (6) 1: 1-14 (1992).

32- A comparative Study of the Bioavailability of Traditionally Used Dose of Benzathine penicillin G with A Double Dose in Prophylaxis of Rheumatic fever. A. S. Kassem, T.M El-walili, A.G. El-Khouly, H. Abou-Shleib and S. Moustafa. Alex. J. Paediatr.; 6 (1): 15-25 (1992).

33- Design of triple antibiotic combination system effective against resistant clinical strains of *P. aeruginosa*. Abd El Ghani El Khouly, Hamida M. Abou-Shleib, Nadia El Guink and Mostafa El Ammouri. FIP 97, Vancouver, Canada, Sept. 1997, N.Egypt. J. Microbiol; 21:129-145(2008).

34- Susceptibility of *Staphylococcus aureus* Clinical Isolates against Various Antibiotics, Selected Antibiotic Combinations and Postantibiotic Effect. Moustafa A. El-Nakeeb, Hamida M. Abou-Shleib, Amal M. Khalil and Mohamed B. H. Bahey EL-Din. Alex. J. Pharm. Sci.; 18 (2): 157-164 (2004).

35- Effect of Beta-Lactamase and Nor A Inhibitors on the Activities of Ampicillin, Ciprofloxacin and Levofloxacin against *Staphylococcus aureus* Clinical Isolates . Moustafa A. El-Nakeeb, Hamida M. Abou-Sheib, Amal M. Khalil and Mohamed B. H. Bahey El-Din. Alex. J. Pharm. Sci.; 19 (1): (2005)
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36- In vitro study on some factors influencing the antimicrobial activity of pemulen. Mohamed A. Fawzi, Hamida M. Abou-Shleib, El Sayed Aboul Magd and Alaa A. Youssef. Alex. J. Pharm. Sci.; 21(2): 117-123 (2007).

37-Factors affecting biopolymer degrading activity of microorganisms isolated from environmental samples in Alexandria. Egypt.J.Microbiol;18:129-140 (2009) .

38-Optimization of biosurfactant production from *pseudomonas aeruginosa* through factorial designs. N.Egypt.J.Microbiol;23:37-51 (2009).

39-effect of colistin on the in-vitro-post-antibiotic activity and biofilm formation using pandrug resistant clinical isolates . N.Egypt.J.Microbiol;25:33-47 (2009).

40-Phenotypic methods for the detection of CTX-M extended spectrum of B-lactamases among clinical isolates of *Escherichia coli* and *Klebsiella pneumoniae*. alex.j.pharm.sci;24:57:64(2010)

References :

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