

Curriculum Vitae

Name Elsayed Aboulmagd Elsayed
Date/Place of Birth: 28.08.1966, Alexandria - Egypt
Current Position: Professor of Microbiology and Immunology,
Department of Microbiology and Immunology,
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Scientific Degrees

1. PhD of Microbiology - Institute of Molecular Microbiology and Biotechnology - Westfälische Wilhelms University - Münster - Germany.
2. Master Degree of Microbiology - Faculty of Pharmacy – Alexandria University - Egypt.
3. Bachelor of Pharmaceutical Sciences - Faculty of Pharmacy - Alexandria University - Egypt.

Current and Previous Positions

1. Professor of Microbiology (March 2015 – present), Faculty of Pharmacy, Alexandria University, Egypt.
2. Assistant professor of Microbiology (October 2008 – March 2015), Faculty of Pharmacy, Alexandria University, Egypt.
3. Assistant professor of Microbiology and Immunology (August 2007 – July 2014), College of Medicine, King Faisal University, Kingdom of Saudi Arabia.
4. Lecturer of Microbiology (April 2002 – October 2008), Faculty of Pharmacy, Alexandria University, Egypt.
5. Assistant Lecturer of Microbiology (February 1995 – April 2002), Faculty of Pharmacy, Alexandria University, Egypt.
6. Demonstrator of Microbiology (October 1989 - February 1995), Faculty of Pharmacy, Alexandria University, Egypt.

Coordination Experiences

1. Coordinator of Microbiology and Immunology Division, Department of Biomedical Sciences, College of Medicine, King Faisal University.
2. Coordinator of Third Year Courses, College of Medicine, King Faisal University.
3. Coordinator of Block 1.2 “Infection and Immunity”, Groningen Medical Curriculum Adoption 2012 (GMCA 2012), College of Medicine, King Faisal University.
4. Coordinator of “General Microbiology and Immunology” course, Clinical Pharmacy Program, Faculty of Pharmacy, Alexandria University, Egypt (2015 – Present).
5. Coordinator of “Pharmaceutical Microbiology” course, General Pharmacy Program, Faculty of Pharmacy, Alexandria University, Egypt (2015 – Present).
6. Coordinator of “Pharmacy and Clinical Pharmacy Programs”, Faculty of Pharmacy, Alexandria University, Egypt (2015 – Present).
7. Coordinator of “Result Preparation Committee for second year students”, Faculty of Pharmacy, Alexandria University, Egypt (2014 – 2015).
8. Coordinator of “Result Preparation Committee for first year students”, Faculty of Pharmacy, Alexandria University, Egypt (2015 – 2018).
9. Coordinator of "Financial Committee", Clinical Pharmacy Program, Faculty of Pharmacy, Alexandria University, Egypt (2015 – Present).

Teaching Experiences

1. Teaching and supervision of practical courses of General Microbiology, Bacteriology, Immunology and Parasitology for pharmacy students, Faculty of Pharmacy, Alexandria University (1989-1997).
2. Teaching and supervision of the undergraduate pharmacy students the theoretical course of Molecular Microbiology and Biotechnology, Faculty of Pharmacy, Alexandria University (2002-2007 and 2015-Present).
3. Teaching and supervision of the clinical pharmacy students the theoretical course of Bacterial Genetics, Faculty of Pharmacy, Alexandria University (2015-Present).
4. Teaching the postgraduate pharmacy students special course titled “Advanced General Microbiology”, Faculty of Pharmacy, Alexandria University(2015-Present).

- 5.** Teaching of Microbiology and Public Health courses (practical and theoretical) for the Oman Institute for Assistant Pharmacy students, Ministry of Health, Muscat, Sultanate Oman (Academic Year 2006-2007).
- 6.** Teaching of Microbiology and Immunology courses (practical and theoretical) for third year Medicine students, College of Medicine, King Faisal University (2007-2014).
- 7.** Teaching and supervision of Parasitology course (practical and theoretical) for the third year medicine students, College of Medicine, King Faisal University (Academic Year 2011 – 2012).
- 8.** Teaching and supervision of practical and theoretical topics of Block 1.2 “Infection and Immunity”, Groningen Medical Curriculum Adoption 2012 (GMCA 2012), College of Medicine, King Faisal University.
- 9.** Teaching and supervision of “Diploma in Biochemical Analysis” students practical and theoretical courses titled: “Basic Laboratory Techniques in Immunology I and II), Faculty of Pharmacy, Alexandria University (Academic Year: 2017-2018).
- 10.** Teaching of Microbiology course (course code: PCS222), College of Pharmacy, Arab Academy for Science, Technology and Maritime Transport AASTMT, (Academic Year: 2018-2019).
- 11.** Teaching of “Diploma in Hospital and Clinical Pharmacy” students a course titled: “Selected Subjects II: Infectious Diseases" (course code: 0901600), Faculty of Pharmacy, Alexandria University (Academic Year: 2018-2019, 2019-2020).
- 12.** Teaching of Cell Biology course (course code: PD122), College of Pharmacy, Arab Academy for Science, Technology and Maritime Transport, Alamein Campus (Academic Year: Spring 2019-2020, Spring 2020-2021).
- 13.** Teaching of Clinical Microbiology course (course code: PCS421), College of Pharmacy, Arab Academy for Science, Technology and Maritime Transport, (Academic Year: Fall 2020-2021).
- 14.** Teaching of General Microbiology course (course code: CCS211), College of Pharmacy, Arab Academy for Science, Technology and Maritime Transport, Alamein Campus (Academic Year: Spring and Summer 2020-2021).

Supervisory Experiences

- 1.** Co-supervision of TWO PhD theses in the field of Pharmaceutical and applied Microbiology.
- 2.** Co-supervision of EIGHT Master theses in the field of Medical and applied Microbiology.

Conferences/Symposium Attendance and Participation

- 1.** Attendance and Participation in the "International Symposium of Biochemical Principles and Mechanisms of Biosynthesis and Biodegradation of Polymers", Münster, Germany, June 3 - 6, 1998 (group research paper presented as a lecture).
- 2.** Attendance and Participation in the "Organization of General and Applied Microbiology (VAAM) Conference", Munich, Germany, March 12 - 16, 2000 (group research paper presented as a poster).
- 3.** Attendance and Participation in the "Organization of General and Applied Microbiology (VAAM) Conference", Oldenburg, Germany, March 25 - 28, 2001 (group research papers presented as two posters).
- 4.** Attendance and Participation in the "65th international congress of FIP", Cairo, Egypt, September 3-8, 2005 (group research paper presented as a poster).
- 5.** Attendance of the conference "Biovision Alexandria 2006, the new life sciences: changing lives", Bibliotheca Alexandrina, Egypt, April 26-29, 2006.
- 6.** Participation in the poster presented in the "Pharmaceutical Science World Congress; PSWC 2007", Amsterdam, Netherlands, April 22-25, 2007 (group research paper presented as a poster titled: Formulation and photoprotective assessment of a microsphere sunscreen delivery system).
- 7.** Attendance of the conference "Challenges in Laboratory Medicine", King Fahd Hospital of the University, College of Medicine, King Faisal University, Al-khobar, Kingdom of Saudi Arabia, April 9 – 10, 2008.
- 8.** Attendance of the symposium titled "Outreach Oncology", Saudi Aramco Oil Exhibition, Dhahran, Kingdom of Saudi Arabia, January 22, 2009.
- 9.** Attendance of "3rd Infection Prevention and Control Symposium of KFSH-D" and "3rd Annual Meeting of Saudi Society of Medical Microbiology and Infectious Disease", Al-khobar, Kingdom of Saudi Arabia, March 10 – 11, 2009.
- 10.** Attendance of AMEEMR conference 2013 "Quality in Medical Education- Assessment, Accountability and Accreditation", Association of Medical Education in the Eastern Mediterranean Region (AMEEMR), in cooperation with College of Medicine, King Saud bin Abdulaziz University for Health Sciences, Riyadh, Kingdom of Saudi Arabia, April 8-10, 2013.
- 11.** Participation in the poster presented in the "23rd European Congress of Clinical Microbiology and Infectious Diseases; ECCMID 2013", Berlin, Germany, April 27-30, 2013 (group research paper presented as a poster titled: Evolution of carbapenem resistant *Acinetobacter baumannii* producing OXA-23 and 40 among diabetics in Saudi Arabian hospitals).

- 12.** Attendance and Participation in the "International Congress and Expo on Bacteriology Conference", San Francisco, USA, December 4 - 6, 2018 (Keynote speaker).
- 13.** Attendance of International Conference on Pharmaceutical and Health Sciences (PHS 2019), Alexandria, Egypt, November 6 - 7, 2019 (Moderator).
- 14.** Attendance of International Pharmaceutical and Health Sciences Webinar (PHS 2020 Webinar) titled "Personalized Medicine: A Challenging Healthcare Model for Human Wellness", Alexandria, Egypt, November 28 - 29, 2020.
- 15.** Attendance of International Pharmaceutical and Health Sciences Webinar (PHS 2021 Webinar) titled "Artificial Intelligence in Healthcare", Alexandria, Egypt, November 27 - 28, 2021.

Training Programs Attendance/Organization

- 1.** Attendance of the intensive training course on: "Technology Transfer for Biotechnologies from the Laboratory to the Market Place - Cost Estimation and Economic Feasibility Studies", Cairo University, Egypt, October 10 - 16, 2002.
- 2.** Organization and implementation of the training course on: "Polymerase Chain Reaction", Faculty of Pharmacy, Alexandria University, Egypt, August 6 - 11, 2005.
- 3.** Attendance of the intensive training course on: "Applications of Biotechnology", Institute of Graduate Studies and Research, Alexandria University, Egypt, August 28 - 31, 2005.
- 4.** Organization and implementation of the training course on: "PCR, Principles and Clinical and Pharmaceutical Applications", Faculty of Pharmacy, Alexandria University, Egypt, August 13 - 15, 2007.
- 5.** Attendance of the training program titled "Community Engagement, Higher Education's 21st Century Global Imperative: Implementation and Impact Challenges and Opportunities", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, June 6 – 7, 2011.
- 6.** Attendance of the training program titled "Implementing a Competency Based Curriculum: Faculty Development", Institute for Medical Education, Faculty of Medical Sciences of The University of Groningen/University Medical Centre Groningen, The Netherlands (Holland), October 3 – 13, 2011.
- 7.** Attendance of the training program titled "Strategies of Scientific Research", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, November 26 – 27, 2011.
- 8.** Attendance of the training program titled "Working in a Competence Based Curriculum: fine tuning contents, educational principles and organizational aspects", Institute for Medical Education,

Faculty of Medical Sciences of The University of Groningen/University Medical Centre Groningen, The Netherlands (Holland), December 12 – 16, 2011.

9. Attendance of the training program titled "Working in a Competence Based Curriculum: fine tuning contents, educational principles and organizational aspects of Block 1.2", Institute for Medical Education, Faculty of Medical Sciences of The University of Groningen/University Medical Centre Groningen, The Netherlands (Holland), Mai 28 – June 1, 2012.

Workshops Attendance

1. Attendance of the workshop on: "New Era of Biotechnology in Pharmaceutical Industries", Mubarak City for Scientific Research and Technology Applications, Alexandria, Egypt, September 22 – 23, 2003.

2. Attendance of workshop titled "Communication Skills", High Education Development Deanship, King Faisal University, Kingdom of Saudi Arabia, February 18 – 20, 2008.

3. Attendance of the workshop titled "Course Specifications According to Guidelines of Saudi National Commission of Academic Accreditation & Assessment", College of Medicine, King Faisal University, Kingdom of Saudi Arabia, February 3, 2009.

4. Attendance of the workshop titled "WebCT Uploading Lectures", College of Medicine, King Faisal University, Kingdom of Saudi Arabia, March 23, 2009.

5. Attendance of the workshop titled "Teaching of Gifted Students", King Fahd Culture Centre, Al-Riyadh, Kingdom of Saudi Arabia, April 6-8, 2009.

6. Attendance of the workshop titled "Teaching and Learning", College of Medicine, King Faisal University, Kingdom of Saudi Arabia, April 14, 2010.

7. Attendance of the workshop titled "Course Reporting: What is after?", College of Medicine, King Faisal University, Kingdom of Saudi Arabia, February 20, 2011.

8. Attendance of workshop titled "Improvement and Development of Communication Skills", Deanship of High Education Development, King Faisal University, Kingdom of Saudi Arabia, April 2 – 3, 2011.

9. Attendance of workshop titled "Designing E. Portfolios", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, May 2 – 3, 2011.

10. Attendance of the workshop titled "Learning Outcomes in Program Planning, Delivery and Assessment", College of Medicine, King Faisal University, Kingdom of Saudi Arabia, May 17, 2011.

- 11.** Attendance of the workshop titled "Strategic Planning- Concept and Application", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, May 30 – 31, 2011.
- 12.** Attendance of the workshop titled "Building of Evaluation Skills for Faculty", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, October 15 – 16, 2011.
- 13.** Attendance of the workshop titled "Program and Course Learning Outcomes Based on National Qualifications Framework (NQF) ", National Commission for Academic Accreditation and Assessment (NCAAA) and the British Council, November 19 – 20, 2011.
- 14.** Attendance of the workshop titled "Student-Centered Learning", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, November 21 – 22, 2011.
- 15.** Attendance of the workshop titled "1st Workshop on Medical Microbiology", Dammam University, Al Khobar, Kingdom of Saudi Arabia, February 12 – 13, 2012.
- 16.** Attendance of workshop "Quantitative Research (SPSS)", Deanship of Academic Development, King Faisal University, Kingdom of Saudi Arabia, November 5-6, 2012.
- 17.** Attendance of the workshop titled "The Antimicrobial Workshop", Dammam University and "Saudi Society for Medical Microbiology and Infectious Diseases" in cooperation with Security Forces Hospital, Dammam, Kingdom of Saudi Arabia, April 2 – 3, 2013.
- 18.** Attendance of the following Pre-Conference workshops at the AMEEMR meeting in Riyadh, Kingdom of Saudi Arabia, organized by Association of Medical Education in the Eastern Region (AMEEMR), World Federation of Medical Education (WFME) and King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), April 6-7, 2013:
 - (i) Writing High Quality MCQs: Quality Criteria for Construction.
 - (ii) Curriculum Mapping.
 - (iii) PBL- Does it work? And how can we make it work?
 - (iv) Work-Based Assessment.
- 19.** Attendance of the workshop titled "Examination Systems and Students' Evaluation", Arab Academy for Science, Technology and Maritime Transport, May 11-12, 2022.

Speaker in Workshops

- 1.** Participation in the workshop titled "The International Course on Development and Improving Health Educators Skills in Breast Cancer Management" Ministry of Health, Al-Ahsa, Kingdom of Saudi Arabia, March 10 – 14, 2012.

2. Participation in the workshop titled "The Second International Course on Development and Improving Health Educators Skills in Breast Cancer Management" Ministry of Health, Al-Ahsa, Kingdom of Saudi Arabia, March 2 – 6, 2013.

Committees' Membership

1. Member of the "Academic Affairs Committee", College of Medicine, Al-Ahsa, King Faisal University (October 2007 – March 2009 and September 2011 - September 2012).

2. Member of the "Public Health Awareness and Education Committee", College of Medicine, Al-Ahsa, King Faisal University (March 2009 - September 2012).

3. Member of the "Saudi Society for Medical Microbiology and Infectious Diseases" (April 2008 – April 2009).

4. Member of the "Knowledge Exchange and Cooperation Administration", College of Medicine, King Faisal University (January 2010 – April 2012).

5. Member of the "Quality Assurance Office", College of Medicine, King Faisal University (December 2010 - present).

6. Co-chairman of the "Study Plan and Curriculum Committee, SPCC", College of Medicine, King Faisal University (December 2010 - present).

7. Member of the "Professional Development Committee, PDC", GMCA 2012, College of Medicine, King Faisal University (October 2011 – Present).

8. Chairman of the "Block 1.2 Committee", GMCA 2012, College of Medicine, King Faisal University (January 2012– Present).

Other Experiences/Activities

1. Microbiology consultant in "Arab Company for Pharmaceuticals and Medicinal Plants" (February 2004 - December 2005).

2. External oral examiner for undergraduate pharmacy students in some Egyptian universities.

3. Member of the syndicate of pharmacists, Alexandria, Egypt (August 1989 - present).

4. Participation in "MAWHIBA Gifted Medical Program 2008", College of Medicine, King Faisal University, Kingdom of Saudi Arabia, June 8 – July 5, 2008.

5. Participation in 2nd Medical Examination Campaign for Employees of King Faisal University "Measurement of Risk Factors of Cardiac diseases and Diabetes Mellitus", King Faisal University, Kingdom of Saudi Arabia, May 9-13, 2009.

6. Participation in “MAWHIBA Gifted Medical Program 2009”, College of Medicine, King Faisal University, Kingdom of Saudi Arabia, July 11 – August 5, 2009.
7. Participation in 3rd Medical Examination Campaign for Employees of King Faisal University “Measurement of Risk Factors of Cardiac diseases and Diabetes Mellitus”, King Faisal University, Kingdom of Saudi Arabia, May 15-19, 2010.
8. Participation in “MAWHIBA Gifted Medical Program 2010”, College of Medicine, King Faisal University, Kingdom of Saudi Arabia, July 2 – August 2, 2010.
9. Microbiology consultant in “Borg Pharmaceutical Industries” (June 2016 – August 2021).

Research Projects

1. **Title:** "Biotechnological Production of Cyanophycin from Recombinant Bacteria" Institute of Molecular Microbiology and Biotechnology - Westfälische Wilhelms University - Münster – Germany - in cooperation with the German company BAYER AG.
2. **Title:** "Pattern and Prevalence of Intestinal Parasitic Infestations and Risk Factors among Primary Schoolchildren in Al-Hassa, KSA", Division of Microbiology, Department of Biomedical Sciences, College of Medicine, Al-Ahsa, King Faisal University. (Research Project No. 90036).
3. **Title:** "Study of the Antimicrobial Activity of Green Tea Alone and in Combination with Other Antimicrobial Agents *in vitro* and in Infected Animal Models". Division of Microbiology, Department of Biomedical Sciences, College of Medicine, King Faisal University. (Research Project No. 10061).
4. **Title:** "Human Leukocyte Antigens (HLA) Class II Resistance and Susceptible Markers in Cystic Echinococcus Saudi Patients". Division of Microbiology, Department of Biomedical Sciences, College of Medicine, King Faisal University. (Research Project No. 110086).
5. **Title:** "Molecular Characterization and Prevalence of Extended Spectrum Beta-lactamase-Producing *Klebsiella pneumoniae* Isolated from Saudi Patients in Al-Ahsa". Division of Microbiology, Department of Biomedical Sciences, College of Medicine, King Faisal University. (Research Project No. 120129).
6. **Title:** "Clinical Investigation of Carbapenem-Resistant *Acinetobacter baumannii* in Immunocompromised Patients with Diabetes Mellitus in Saudi Arabia Hospitals". King Abdulaziz City for Science and Technology (KACST). (Research Project No. 10-BIO1093-06).
7. **Title:** “Molecular characterization and clonal relatedness of carbapenem resistant *Acinetobacter baumannii* isolated from University hospitals in Alexandria”, Ministry of Scientific Research, Science & Technology Development Fund, Egypt (Research Project No. ٢٥٣٦٨).

Peer Reviewer

1. Journal of King Abdulaziz University Medical Sciences (JKAU-Medical Sciences).
2. British Microbiology Research Journal.
3. Journal of Microbiology and Antimicrobials.

List of Publications

1. Oppermann-Sanio, F. B., T. Hai, **E. Aboulmagd**, F. F. Hezayen, S. Jossek and A. Steinbüchel. 1999. Biochemistry of microbial polyamide metabolism. In Biochemical principles and mechanisms of biosynthesis and biodegradation of polymers, pp. 185-193. Edited by A. Steinbüchel. Wiley-VCH, Weinheim, Germany.
2. **Aboulmagd, E.**, F. B. Oppermann-Sanio and A. Steinbüchel. 2000. Molecular characterization of the cyanophycin synthetase from *Synechocystis* sp. Strain PCC6308. Arch. Microbiol. 174:297-306.
3. **Aboulmagd, E.**, F. B. Oppermann-Sanio and A. Steinbüchel. 2001. Purification of *Synechocystis* sp. Strain PCC6308 cyanophycin synthetase and its characterization with respect to substrate and primer specificity. Appl. Environ. Microbiol. 67:2176-2182.
4. **Aboulmagd, E.**, I. Voss, F. B. Oppermann-Sanio and A. Steinbüchel. 2001. Heterologous expression of cyanophycin synthetase in the industrial relevant bacteria *Corynebacterium glutamicum* and *Ralstonia eutropha* and in *Pseudomonas putida*. Biomacromolecules. 2:1338-1342.
5. Bekhit, A. A., O. A. EL-Sayed, **E. Aboulmagd** and J. Y. Park. 2004. Tetrazolo[1,5-a]quinoline as a potential promising new scaffold for the synthesis of novel anti-inflammatory and antibacterial agents. Eur. J. Med. Chem. 39:249-55.
6. Voss I, S.C. Diniz, **E. Aboulmagd**, A. Steinbuchel. 2004. Identification of the *Anabaena* sp. Strain PCC7120 cyanophycin synthetase as suitable enzyme for production of cyanophycin in

Gram-negative bacteria like *Pseudomonas putida* and *Ralstonia eutropha*. Biomacromolecules. 5:1588-1595.

7. Fanaki N.H, Omar H.G and **E. Aboulmagd**. 2004. Effect of acetylcysteine on the antibacterial activity of some antibiotics against multiple resistant clinical isolates. Alex. J. Pharm. Sci. 18:79–83.

8. Aggag M.E., A.E. Elkhoully, M.A. Fawzi and **E. Aboulmagd**. 2004. Influence of some pharmaceutical substances and dosage forms on the antibacterial activity and bioavailability of ofloxacin, pefloxacin and norfloxacin. Alex. J. Pharm. Sci.18:101-108.

9. Chaaban I., Bekhit A.A. and **E. Aboulmagd**. 2005. Synthesis of some derivatives of 1,4-benzoquinone as potential antimicrobial agents. Bull. Pharm. Sci., Assuit University. 28:1-7.

10. Fawzy M.A. and **E. Aboulmagd**. 2005. Influence of polyacrylic acid polymers (carbopol 940) on the antipseudomonal activity of gentamicin and ciprofloxacin. N. Egypt. J. Microbiol. 11:294-304.

11. Kassem M.A. and **E. Aboulmagd**. 2006. In vitro study on the antibacterial activities of levofloxacin, amikacin and cefepime against multiresistant *Pseudomonas aeruginosa* clinical isolates. N. E.gypt. J. Microbiol. 14:171-183.

12. Fawzy M.A., Abou-Shleib H.M., **Aboulmagd E.** and Aboul Fetouh A.A.Y. 2007. In vitro study on some factors influencing the antimicrobial activity of pemulen. Alex. J. Pharm. Sci. 21(2):117-123.

13. Abdel Fattah Y.R., EL Enshasy H., Fawzy M.A., Omar H.G, **Aboulmagd E.** and R. Abou Zahra. 2007. Application of factorial experimental designs for optimization of Cyclosporin A production by *Tolypocladium inflatum* in submerged culture. J. Microbiol. Biotechnol. 17(12): 1930-1936.

14. EL Enshasy H., Abdel Fattah Y., Atta A, Fawzy M.A., Omar H.G, **Aboulmagd E.** and R. Abou Zahra. 2008. Kinetics of cell growth and cyclosporin A production by *Tolypocladium inflatum* when scaling up from shake flask to bioreactor. J. Microbiol. Biotechnol. 18(1):128-134.

15. **Aboulmagd E.** 2008. Synergistic effect of vanillin on the antimicrobial activity of chitosan in laboratory media. Alex. J. Pharm. Sci. 22(1):1-6.

16. Gomaa Y.A., **Aboulmagd E.**, Boraei N.A., Darwish I.A. and L.A. El-Khordagui. 2008. Microbiological assessment of the ultraviolet screening effect of sunscreen preparations. *J. Cosmet. Sci.* 59(4):291-302.
17. Al-Mohammed HI, Amin TT, **Aboulmagd E.**, Hablus HR and BO Zaza. 2010. Prevalence of intestinal parasitic infections and its relationship with socio-demographics and hygienic habits among male primary schoolchildren in Al-Ahsa, Saudi Arabia. *APJTM.* 11:906-912.
18. **Aboulmagd E.**, Al-Mohammed HI and Al-Badry S. 2011. Synergism and postantibiotic effect of green tea extract and imipenem against methicillin-resistant *Staphylococcus aureus*. *Microbiol. J.* 3:89-96.
19. Hussein EM, Al-Mohammed HI, AL-Mulhim AS and **Aboulmagd E.** 2012. HLA class II DRB1 resistance and susceptible markers in hydatidosis Saudi patients in association to the clinical course and gender. *J. Egypt. Soc. Parasitol.* 42(3):573–582.
20. **Aboulmagd E.**, Alsultan AA, Al Mohammad HI, Al-Badry S and Hussein EM. 2013. In vitro synergistic activity of amikacin combined with subinhibitory concentration of tigecycline against extended spectrum β -lactamase-producing *Klebsiella pneumoniae*. *J. Microbiol. Antimicrob.* 5(5):44-49.
21. Al-Sultan AA, Evans BA, **Aboulmagd E.**, Al-Thawadi SI, Al-Taher AY, Amyes S, Al-Dughaym AM and Hamouda A. 2013. High frequency of carbapenem-resistant *Acinetobacter baumannii* in patients with Diabetes Mellitus in Saudi Arabia. *J. Med. Microbiol.* 62:885-888.
22. Al Bu Ali WH, Balaha MH, Kaliyadan F, Bahgat M and **Aboulmagd E.** 2013. A Framework for a competency based medical curriculum in Saudi Arabia. *Mater Sociomed.* 25(3):148-152.
23. Al-Mohammed HI, Hussein EM, **Aboulmagd E.** 2013. Effect of green tea extract and cysteine proteases inhibitor (E-64) on symptomatic genotypes of *Blastocystis hominis* in vitro and in infected animal model. *Int. J. Curr. Microbiol. App. Sci.* 2(12):228-239.
24. Al-Sultan AA, **Aboulmagd E.**, Amin TT. 2013. ESBL-producing *E. coli* and *K. pneumoniae* in Al-Ahsa, Saudi Arabia: Antibiotic susceptibility and prevalence of blaSHV and blaTEM. *J. Infect. Dev. Ctries.* 7(12):1016-1019.

25. Kassem AA, Ismail FA, Ismail FA, Naggar VF, **Aboulmagd E**. 2014. Preparation and evaluation of periodontal films based on polyelectrolyte complex formation. Pharm. Dev. Technol. 2014 Jan 17. [Early Online: 1-9]
26. **Aboulmagd E**, Alsultan AA. 2014. Synergic bactericidal activity of novel antibiotic combinations against extreme drug resistant *Pseudomonas aeruginosa* and *Acinetobacter baumannii*. Afr. J. Microbiol. Res. 8(9):856-861.
27. Kassem AA, Ismail FA, Ismail FA, Naggar VF, **Aboulmagd E**. 2014. Comparative study to investigate the effect of meloxicam or minocycline HCl in situ gel system on local treatment of periodontal pockets. AAPS Pharm. Sci. Tech. 15(4): 1021-1028.
28. Kaliyadan F, **Aboulmagd E**, Amin TT. 2014. Antimicrobial activity of commercial “antibacterial” handwashes and soaps. Indian Dermatol. Online J. 5(3): 344-346.
29. Al-Sultan AA, Al-Eknaah MM, Al-Dougym AM, **Aboulmagd E**. 2014. Detection of *Klebsiella pneumoniae*, *Pseudomonas aeruginosa* and extended spectrum β -lactamase-producing *Escherichia coli* associated with ovarian hydrobursitis syndrome in female camels (*Camelus dromedarius*). Asian J. Anim. Vet. Adv. 9(8): 499-505.
30. Al-Sultan AA, **Aboulmagd E**, Evans BA, Amyes SGB. 2014. Clonal diversity of *Acinetobacter baumannii* from diabetic patients in Saudi Arabian hospitals. J. Med. Microbiol. 63:1460-1466.
31. Al-Sultan AA, Evans BA, **Aboulmagd E**, Al-Qahtani AA, Bohol MFF, Al-Ahdal MN, Opazo AF, Amyes SGB. 2015. Dissemination of multiple carbapenem-resistant clones of *Acinetobacter baumannii* in the Eastern District of Saudi Arabia. Front Microbiol. 6: 634.
32. Abouelfetouh A, Torky AS and **Aboulmagd E**. 2019. Phenotypic and genotypic characterization of carbapenem-resistant *Acinetobacter baumannii* isolates from Egypt. 20;8:185.
33. Abouelfetouh A, Torky AS, **Aboulmagd E**. 2020. Role of plasmid carrying blaNDM in mediating antibiotic resistance among *Acinetobacter baumannii* clinical isolates from Egypt. 3 Biotech 2020;10(4):170.

Book Chapter

1. Shahid M, Malik A, Jahan N, Al-Mohammed HI, Al-Sultan AI and **Aboulmagd E.** 2010. Fungal Vaccines: Recent Trends. In: Combating Fungal Infections: Problems and Remedy, Ahmad I, Owais M, Shahid M and Aqil F (Eds), 1st edition, Springer-Verlag Berlin Heidelberg, ISBN-13: 9783642121722.

2. **Aboulmagd E.**, Kassem MA, Abouelfetouh A. 2020. Global Landscape in Microbial Resistance. In: 21st Century Challenges in Antimicrobial Therapy and Stewardship, Ghazi IM and Cawley MJ (Eds), 1st edition, Bentham Science Publishers, ISBN-978-981-14-6183-5, DOI:10.2174/97898114618351200301.

Book

Abeer Kassem, Fatma Ismail, and **Elsayed Aboulmagd,** November, 2014. Formulation of Drug Delivery Systems Based on Gel-forming Polymers" Preparation and evaluation of degradable, gel forming Tetracycline HCl films for local treatment of periodontal pockets. ISBN 978-3-659-62978-5, Amazon.com: Books. LAP Lambert Academic Publishing, Germany.

Patent Applications

1. **Aboulmagd, E.,** Joentgen, W., Hai, T., Oppermann-Sanio, F.B. and Steinbüchel, A. 1999. New vectors containing cyanophycin synthetase gene and host cells. German Patent application DE19825509 A1 published on 09.12.1999.

2. Joentgen, W., Steinbuechel, A., Oppermann-Sanio, F.B. and **Aboulmagd, E.** Method for improved production of cyanophycin and the secondary products thereof. WO2002012508 A2 published on 14.02.2002.