

# Curriculum vitae

## PERSONAL INFORMATION

Name: Eva Adel Edward Farid

Date of birth: 17/11/1987

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## ACADEMIC STUDIES

- ❖ 2016: Ph. D. in Pharmaceutical Microbiology from Faculty of Pharmacy, Alexandria University, thesis title: **study of resistance to carbapenems among Enterobacteriaceae clinical isolates: a new threat to the efficacy of lifesaving antibiotics in Egypt**
- ❖ 2013: Master Degree in Pharmaceutical Microbiology from Faculty of pharmacy Alexandria University, thesis title: **Molecular Characterization of Some Selected Gram-positive Clinical Isolates with Varying Resistance to Gentamicin, Rifampicin and Some Glycopeptides.**
- ❖ 2010: Bachelor of Pharmacy, Faculty of Pharmacy, Alexandria University. With general grade Excellent with honour degree.

## **WORKING EXPERIENCE**

- ❖ 2017 till now: Lecturer in Microbiology and Immunology Department, Faculty of Pharmacy, Alexandria University
- ❖ 2013 - 2017: Assistant lecturer in Microbiology and Immunology Department, Faculty of Pharmacy, Alexandria University
- ❖ 2010 – 2013: Demonstrator in Microbiology and Immunology Department, Faculty of pharmacy, Alexandria University

## **PROFESSIONAL TRAINING COURSES AND WORKSHOPS**

1. Quality Standards in the education process (2011).
2. Effective presentation skills (2011).
3. Conference Organization (2011).
4. University legal and financial aspects (2011).
5. Moral Scientific Research (2011).
6. Student assessment (2011).
7. Local TOEFL certificate with general grade Excellent, scored 653/680 (March 2013).
8. Tasks of the Quality Assurance Unit coordinators “Code: QA0015” (April 2013).
9. Ethical conduct and code of ethics (November 2013).
10. Research team management (December 2013).
11. University management (January 2014).
12. The credit hour system (February 2014).
13. References management system (February 2014).
14. International English language testing system, ILETS certificate, scored 7 (May 2016).
15. International publishing of Research (November 2019).
16. Web 2.0 Tools (Google Classroom) (March 2020).

## PUBLICATIONS

1. Nourhan. H. Fanaki, Hoda. M. Omar, Nihal. H. Moussa and **Eva. A. Edward** (2014): *Molecular characterization of some selected Enterococcus clinical isolates with varying resistance to gentamicin, rifampicin, and some glycopeptides*. Egypt. J. Biotechnol.; 46:1-21.
2. Nourhan. H. Fanaki, Hoda. M. Omar, Nihal. H. Moussa and **Eva. A. Edward** (2014): *The antimicrobial efficacy of vancomycin or teicoplanin combinations with gentamicin or rifampicin against selected Egyptian Staphylococcus clinical isolates*. Egypt. J. Biotechnol.; 47: 99-113
3. Nourhan. H. Fanaki, Hoda. M. Omar and **Eva. A. Edward** (2015): *Emergence of resistance to carbapenems among Escherichia coli clinical isolates: a new threat to the efficacy of life saving antibiotics in Egypt*. Egypt. J. Biotechnol.;50:144-170.
4. Nourhan. H. Fanaki, Hoda. M. Omar, Amal M. Khalil and **Eva. A. Edward** (2018): *Prevalence of Carbapenem Resistant Klebsiella and Proteus Clinical Isolates: A Real Threat to the Egyptian Health Care System*. Int. J. Curr. Microbiol. App. Sci: 7(4): 2041-2057.
5. Nelly M. Mohamed, Azza S. Zakaria, **Eva A. Edward** and Amany Abdel-Bary. (2019): *In vitro and in vivo activity of zabofloxacin and other fluoroquinolones against MRSA isolates from a University Hospital in Egypt*. Pol. J. Microbiol.; 68(1):59-69.
6. Azza S. Zakaria, **Eva A. Edward**, and Nelly M. Mohamed. (2019): *Evaluation of Ciclopirox as a Virulence-modifying Agent against Multidrug Resistant Pseudomonas aeruginosa Clinical Isolates from Egypt*. Microbiol. Biotechnol. Lett.; 47(4): 651-661.

7. **Eva A. Edward**, Nelly M. Mohamed and Azza S. Zakaria. (2020). *Resensitization of fluconazole-resistant urinary Candida spp. isolates by amikacin through downregulation of efflux pump genes*. Pol. J. Microbiol.: 69(1): 73-84.
8. Nelly M. Mohamed, Azza S. Zakaria and **Eva A. Edward**. (2020). *Antifungal caspofungin sensitizes MRSA isolates towards zabofloxacin, a proteomic study*. J. Pure Appl. Microbiol.: 14(1): 59-69.
9. **Eva A. Edward**, Hoda M. G. Omar and Hoda M. Fathy. (2020). *Evaluation of citric acid and clove oil as safe anti-virulence and resistance-modifying agents against problematic Klebsiella clinical isolates in Egypt*. J Microbiol Biotech Food Sci: 9 (6): 1060-1067.

## PROFESSIONAL DEVELOPMENT

- ❖ **Poster presenter** at the “International Conference on Pharmaceutical and Biological Sciences”, held in Dubai (March, 2014). Poster title: “*Antimicrobial Efficacy of Some Antibiotics Combinations Tested against Some Molecular Characterized Multi-Resistant Staphylococcus Clinical Isolates, in Egypt*”. Authors: **Eva. A. Edward**, Nourhan. H. Fanaki, Hoda. M. Omar and Nihal. H. Moussa.
- ❖ **The main speaker** of a public lecture entitled: “The hidden heroes in solving the plastic pollution crisis in oceans”, held on 21/2/2019, at Faculty of Pharmacy, Alexandria University, Egypt.
- ❖ **Co-author poster presenter** at “24<sup>th</sup> Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT)”, held in Dubai (February 2019). Poster title: “*In Vitro and In Vivo Activity of Zabofloxacin and Older Fluoroquinolones against MRSA Isolates from Alexandria Main University Hospital, Egypt*”. Authors: Nelly M. Mohamed, Azza S. Zakaria, **Eva A. Edward** and Amany Abdel-Bary.

- ❖ **Poster presenter** at “PHS 2019: The International Conference on “Pharmaceutical & Healthcare Sciences”, held in Alexandria, Egypt (6<sup>th</sup>-7<sup>th</sup> November 2019). Poster title: “*Evaluation of Citric Acid and Clove Oil as Edible Anti-Virulence And Resistance-Modifying Agents against Problematic Klebsiella Clinical Isolates in Egypt*”. Authors: **Eva. A. Edward**, Hoda. M. Omar and Hoda M. Fathy.
- ❖ **Co-author poster presenter** at “PHS 2019: The International Conference on “Pharmaceutical & Healthcare Sciences”, held in Alexandria, Egypt (6<sup>th</sup>-7<sup>th</sup> November 2019). Poster title: “*Evaluation of Ciclopirox as a Virulence-modifying Agent against Multidrug Resistant Pseudomonas aeruginosa Clinical Isolates from Egypt*”. Authors: Azza S. Zakaria, **Eva A. Edward**, and Nelly M. Mohamed.
- ❖ **Co-author poster presenter** “25<sup>th</sup> Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT):, held in Dubai (February 2020). Poster title: “Proteomic Study of the Role of Antifungal Caspofungin in the Sensitization of MRSA Isolates to Zabofloxacin, a Novel Fluoroquinolone”. Authors: Nelly M. Mohamed, Azza S. Zakaria, and **Eva A. Edward**.

## PROFESSIONAL MEMBERSHIPS

- ❖ Member of the General Syndicate of Pharmacists (2010- till now)
- ❖ Member of the Syndicate of Pharmacists of Alexandria (2010- till now)
- ❖ Member of the Quality assurance unit, Faculty of Pharmacy, Alexandria University (2016- till now)
- ❖ Staff member of the department of Microbiology & Immunology, Faculty of Pharmacy, Alexandria University (2017- till now)
- ❖ Member of the academic advising committee for clinical pharmacy students, Faculty of Pharmacy, Alexandria University (2017- till now)
- ❖ Coordinator of Arrivals affairs, Faculty of Pharmacy, Alexandria University (2018- till now)
- ❖ Member of the Libraries Committee, Faculty of Pharmacy, Alexandria University (2019- till now)
- ❖ Member of the Organizing Committee for the First Scientific Forum for Graduate Students (May 2019)

- ❖ Member of the Scientific Committee for the 2nd International Conference and Exhibition on Pharmaceutical & Healthcare Sciences PHS 2020, 18 – 19th November 2020

## ACADEMIC SUPERVISIONS

1. M.Sc. thesis: **A study of the antimicrobial and anti-inflammatory activity of some selected probiotics *in vitro* and *in vivo*.**  
Student: Mona Sherif Hassan El-Far  
Department of Microbiology and Immunology, Faculty of Pharmacy, Alexandria University.
2. M.Sc. thesis: **Correlation between multiple antibiotic resistance and virulence of *Pseudomonas aeruginosa* clinical isolates from Alexandria**  
Student: Marwa Reda Moustafa El-Shehawy  
Department of Microbiology and Immunology, Faculty of Pharmacy, Alexandria University.
3. M.Sc. thesis: “ **Molecular study on cloning of selected *Pseudomonas aeruginosa* antigens and their investigation as potential vaccine candidates**”  
Student: Abdelrahman Saad Mohamed Ibrahim  
Department of Microbiology and Immunology, Faculty of Pharmacy, Alexandria University.

## ATTENDED WORKSHOPS

- ❖ 9/7/2018: “CellPress Journals awareness workshop” at Faculty of Pharmacy, Alexandria University, Egypt.
- ❖ 18/7/2018: “Assessment: The Real Driver For Competency-based Education in Pharmacy” at Faculty of Pharmacy, Alexandria University, Egypt.

- ❖ 5/11/2018: “Flipping classroom and web-2tools” at Faculty of Pharmacy, Alexandria University, Egypt.
- ❖ 19/2/2020: “Palliative Care Medicine – Workshop” at Faculty of Pharmacy, Alexandria University, Egypt.

## ATTENDED CONFERENCES

- ❖ International Conference on Pharmaceutical and Biological Sciences, held in Dubai (March 2014).
- ❖ Biovision Alexandria International Conference 2014. “New life sciences: The next decade”, held at Bibliotheca Alexandrina, Alexandria, Egypt (April 2014).
- ❖ The 5<sup>th</sup> Annual Scientific Conference of Faculty of Pharmacy, held at Faculty of Pharmacy, Alexandria University, Egypt (November 2017).
- ❖ “PHS 2019: The International Conference on Pharmaceutical & Healthcare Sciences”, held in Alexandria, Egypt (November 2019).

## TEACHING EXPERIENCE

1. Supervising laboratory courses of Pharmaceutical Microbiology for undergraduate pharmacy students, Faculty of pharmacy, Alexandria University.
2. Supervising laboratory courses of Public Health for undergraduate pharmacy students, Faculty of pharmacy, Alexandria University.
3. Participating in teaching lectures of Pharmaceutical Microbiology to undergraduate pharmacy students, Faculty of pharmacy, Alexandria University.
4. Participating in teaching for postgraduate students at the Faculty of Pharmacy, Alexandria University, delivering the course entitled: “Advanced Molecular Microbiology”.

5. Participating in teaching lectures of Pharmaceutical Biotechnology to undergraduate pharmacy students (Clinical Pharmacy Program), Faculty of pharmacy, Alexandria University.
6. Supervising laboratory courses of Pharmaceutical Biotechnology to undergraduate pharmacy students (Clinical Pharmacy Program), Faculty of pharmacy, Alexandria University.
7. Supervising laboratory courses of Parasitology to undergraduate pharmacy students (Clinical Pharmacy Program), Faculty of pharmacy, Alexandria University.
8. Participating in teaching lectures of Parasitology to undergraduate pharmacy students (Clinical Pharmacy Program), Faculty of pharmacy, Alexandria University.
9. Participating in teaching lectures of Public Health to undergraduate pharmacy students, Faculty of pharmacy, Alexandria University.