

# Curriculum Vitae



## I- Personal information:

1) Full Name:	▪ Eman Abd El Aziz Ahmed El Gebaly
2) Title:	▪ Lecturer
3) Nationality:	▪ Egyptian
4) Date of birth:	▪ 2 <sup>nd</sup> July 1980
5) Place of birth:	▪ Egypt
6) Marital status:	▪ Married
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9) H-Index (according to Scopus):	▪ 6
10) Website:	▪ -
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12) Scopus author ID:	▪ 55582506400

## II- Education:

- B. Sc. Pharmacy and Pharmaceutical Sciences (**excellent with honor degree**), Cairo University, (Beni -Suef Branch, 2002)
- M. Sc. Pharmaceutical Sciences (Microbiology and Immunology), Faculty of Pharmacy, Cairo University, January, 2009,
- Phd** Pharmaceutical Sciences (Microbiology and Immunology), Faculty of Pharmacy, Beni-Suef University, December, 2012

## III- Professional occupations:

- Working as a Lecturer in the Department of Microbiology and Immunology in Faculty of Pharmacy, Beni-Suef University,

	<p>Egypt from January 2003 to till date.</p> <ul style="list-style-type: none"> <li>➤ Quality coordinator for microbiology and immunology department, 2016-2017 &amp; 2017-2018, Faculty of pharmacy, Beni-Suef university.</li> <li>➤ Acting chef of the department of microbiology and immunology department, Faculty of pharmacy, 6 October university, 2018-2019.</li> <li>➤ Quality coordinator for microbiology and immunology department, 2019-2020, Faculty of pharmacy, 6 October university.</li> <li>➤ Secretary of the college council, Faculty of pharmacy, 6 October university 2022-2023.</li> </ul>
<p><b>IV- Experience:</b></p>	
<p><b>a) Teaching experience:</b></p>	<ul style="list-style-type: none"> <li>▪ Participating in teaching and practical supervising the Medical Microbiology, General Microbiology and Immunology, Pathology and parasitology and public health for general and clinical programs in faculty of pharmacy, Beni-Suef university.</li> <li>▪ Participating in teaching of advanced microbiology and biotechnology courses for post graduate students, Beni-Suef university.</li> <li>▪ Participating in teaching of Pharm-D courses (treatment of infectious diseases and treatment of immunological diseases), faculty of pharmacy, Beni-suef university.</li> <li>▪ Participating in teaching and practical supervising the public health, Environmental Microbiology and virology, Applied and industrial microbiology, Pharmaceutical quality control and biotechnology in faculty of pharmacy, 6 October university.</li> <li>▪ Participation in oral examination committees for different years in faculty of pharmacy of 6<sup>th</sup> October university, Nahda university, Cairo university and Ain Shams university.</li> <li>▪</li> </ul>
<p><b>b) Research experience and list of publications:</b></p>	<ul style="list-style-type: none"> <li>▪ Performing of antimicrobial susceptibility techniques including disk diffusion method and MIC determination for bacterial clinical isolates.</li> <li>▪ Bacteriology: Isolation and identification of clinical microbial microorganisms (which include E. coli, Klebsiella spp. Enterobacter spp. Staphylococcus spp., Pseudomonas spp.) using variety of media.</li> </ul>



- Biofilm formation and screening techniques using ELISA and its management using natural products extracted from different natural sources.
- Studying the efficiency of different antimicrobial agents isolated from thermophilic actinomycets.
- Environmental Microbiology: screening of xenobiotics biodegradation and enhancement of the degrading activity.
- Molecular techniques for identification of bacteria and using different bioinformatics tools.
- Reviewer at Assuit Bulletin of pharmaceutical science Journal.

#### Publications:

- Mohamed A. Ramadan, Alaa M. Shawky, Aml E. Saaf and **Eman A. El-Gebaly** (2009): Factors affecting biodegradation of low concentration 2,4-dichlorophenoxyac acid (2,4-D) in Nile water by the *Pseudomonas sp.* MA-1 Egypt. J. Biotechnol.
- **Eman El-Gebaly**, Tamer Essam, Shabaan Hashem and Rel A. El-Baky (2012): Effect of Levofloxacin and Vitamin on Bacterial Adherence and Preformed Biofilm on Urethral Catheter Surfaces. J. Microb. Biochem. Technol. 4:6
- Fatma Molham, Walid Bakeer, **Eman El-Gebaly** and Magdy Amin. (2017). A study on an aniline degrading *Pseudomonas aeruginosa* isolate recovered from agricultural wastewater in Egypt. N. Egypt. J. Microbiol. Vol. 43.
- El-Helw, N. O., El-Gendy, A. O., **El-Gebaly, E.**, Hassan, M., Rateb, M. E. and El-Nesr, K.A. (2018). Characterization natural bioactive compounds produced by isolated bacteria from compost of aromatic plants. J. App. Microbiol. 126(2), 443-447. doi: 10.1111/jam.14085
- Molham, F., Bakeer, W., **El-Gebaly, E** and Amin, M. (2018) Molecular Characterization of Aniline Biodegradation by Some Bacterial Isolates having Unexpressed Catechol 2,3-Dioxygenase Gene. J. Pure. App. Microbiol. 12(4), 2027-2031. doi.org/10.22207/JPAM.12.4.39.
- Taha, M. N., Saafan, A. E., Ahmedy, A., **El Gebaly, E.**, and Khairalla, A.S. (2019). Two novel synthetic peptides inhibit quorum sensing-dependent biofilm formation and some virulence factors in *Pseudomonas aeruginosa* PAO1. J. Microbiol. Vol. 57(7). 618–625. DOI 10.1007/s12275-019-8548-2.
- **El-Gebaly, E.** (2020). Screening of biosurfactant production of bacterial strains isolated from oil contaminated sites near gas stations in Egypt. Az. J. Pharm Sci. Vol. 61. 134-146.
- Elmahdy, M. H., Azmy, A. F., **El-Gebaly, E.**, Saafan, A. E. & Gaber, Y. A. (2020). Comparative Proteomic Study of *Thermobifida Cellulosilytica* TB100T Secretome Grown on



- Carboxymethylcellulose and Rice Straw. The open Biotechnol J. 14, 42-51. DOI: 10.2174/1874070702014010042.
- Molham, F., Khairalla, A. S., Azmy, A. F., **El-Gebaly, E.**, El-Gendy, A.O. and AbdelGhani, S. (2020). Anti-Proliferative and Anti-Biofilm Potentials of Bacteriocins Produced by Non-Pathogenic *Enterococcus* sp. Probiotics and Antimicrobial proteins. 11(2),759-772. doi.org/10.1007/s12602-020-09711
  - El Far, A., Samir, S., **El-Gebaly, E.**, Taha, N.Y., Fahmy, E., Diab, T. M. and El-Shenawy, A. (2021). Assessment of eugenol inhibitory effect on biofilm formation and biofilm gene expression in methicillin resistant *Staphylococcus aureus* clinical isolates in Egypt. Infect. Genet. Evol. 89, 104722
  - El-Far. A, Samir S, **El-Gebaly, E.**, Omar, M., Dahroug, H., El-Shenawy A., Soliman, N.S, Gamal, D. (2021). High Rate of Aminoglycoside Methyltransferases Associated with Metallo- $\beta$ -Lactamases in Multidrug-Resistant and Extensively Drug Resistant *Pseudomonas aeruginosa* Clinical Isolates from a Tertiary Care Hospital in Egypt. Infection and Drug Resistance 14, 4849-4858.
  - Molham, F., Khairalla AS, Azmy, AF, El-Gebaly, E., El-Gendy, AO. (2021). Anti-Proliferative and Anti-Biofilm Potentials of Bacteriocins Produced by Non-Pathogenic *Enterococcus* sp. Probiotics and Antimicrobial Proteins 13 (2), 571-585.
  - Bahy R, Fatyan E, Saafan AE, **El-Gebaly, EA.** (2022). Preparation and evaluation of a new combined conjugated vaccine against *Klebsiella pneumoniae* and *Pseudomonas aeruginosa*. J. App. Microbiol. 133 (3), 1543-1554.
  - Abbas, AM., Rashed, ME., **El-Gebaly, E.**, AbdelAllah NH., Gaber, Y. (2022). Comparative evaluation of the humoral immune interaction when BCG and conjugated meningococcal vaccines combined or co-administrated in mice. Comparative Immunology, Microbiology and Infectious Diseases 84, 101111
  - Rashed, ME., Abbas, AM., **El-Gebaly, E.**, AbdelAllah NH., Gaber, Y. (2022). Evaluation of the antibody levels against protein and polysaccharides meningococcal Vaccines when combined or co-administrated or administrated at different intervals in Murine model Journal of microbiology, biotechnology and food sciences 12 (3), e5669-e5669.
  - ElZanaty, SA., Seif Eldein NA., **El-Gebaly, EA.**, ElGhaly, EM., ElGizawy, HA. (2022). Chemical composition and antimicrobial activity of the essential oils of *Thevetia peruviana* and *Plumeria rubra* cultivated in Egypt. Azhar International Journal of Pharmaceutical and Medical Science 2(2), 34-42.



**c) .Training and Attendance of conferences :**

- Attendance a training course in Bioinformatics, Center of biotechnology, Faculty of pharmacy, Cairo University, 2010.
- Attendance a training course in identification and detection microbial genes by PCR technique, Center of Biotechnology, Faculty of pharmacy, Cairo University, 2008.
- Attendance the International Conference “Nanotechnology, Biotechnology and Spectroscopy” ICNBS, By Nakaa, 2013.
- Attendance Egyptian Biotechnologists Seminars CEB, NRC 2014
- Attendance the Conference "Biotechnology for the emerging economics" BSU-BE 2015
- Attendance the practical training "Molecular Markers and Genome Markers", CEB, 2016
- Attendance workshop "Erasmus and the 2<sup>nd</sup> international workshop "New trends in nanotechnology", 2017, Faculty of post graduate studies, Beni-Suef University.
- Attendance the training course in the framework of the specialized research skills development program "Structural Bioinformatics", 2017
- Attendance of the seminar entitled “ Role of ethical committee in using experimental animals in the international publications”, Biotechnology department, Faculty of Post graduate studies for advanced sciences, 2017.
- Attendance of the seminar entitled “Academy on Impressive Academic Presentations., EKB, 2019.
  - Attending “Future perspectives on drug research & sustainable development”Conference. At College of pharmaceutical sciences & drug manufacturing. 11<sup>th</sup>- 12<sup>th</sup> July 2023.
- **Workshops:**
  - Attendance workshop "Design of electronic questionnaires using google form", 2016
  - Attendance the work shop "Course specifications and reports" Quality Assurance unit, Faculty of pharmacy, Beni-Suef University, 2017.
  - Attendance the workshop "Post graduate program and and Course specifications " , Quality Assurance unit, Faculty of pharmacy, Beni-Suef University, 2017.
  - Attendance of The Second Egyptian Bioinformatics Workshop Held at Nile University, 2017.
  - Attendance of the workshop “Improving Grant Success: What Funders Look For ?” Research Academy on Campus, EKB, 2020



	<ul style="list-style-type: none"><li>▪ Attendance of the workshop “Using research metrics and indicators effectively in grant proposals” Research Academy on Campus, EKB, 2020.</li><li>▪ Attendance of the workshop “Managing and Sharing Research Papers</li><li>▪ Using the Mendeley Program” Academics &amp; Researchers Platforms (IFAD), 2021.</li><li>▪ Attendance of the workshop “How to Write a Scientific Research Proposal? Academics &amp; Researchers Platforms (IFAD), 2021.</li><li>▪ Attendance of the workshop “Research Hypotheses and Statistical</li><li>▪ Process” Academics &amp; Researchers Platforms (IFAD), 2021.</li><li>▪ Attendance of the workshop ““The Basic Rules for Building Scientific concepts” Academics &amp; Researchers Platforms (IFAD), 2021.</li><li>▪ Attendance of the webinar entitled “Look beyond the journal impact factor with journal citation reports”, NRC, EKB, 2021.</li><li>▪ Attendance of the webinar entitled “InCites B&amp;A hands on training” Clarivate analytics, EKB.</li><li>▪ Attendance of the webinar entitled “How to improve your research skills? IET inspec, EKB,2021.</li><li>▪ Attendance of the nature research academic workshop” Successful Pre-submission Strategies”, NRC, EKB, 2021.</li><li>▪ Attendance of the workshop “Search Academic EBSCO”, Complete database”. EBSCO, EKB, 2021.</li><li>▪ Attendance of the nature research academic workshop” Effective post-submission Strategies”, EKB, 2021.</li><li>▪ Attendance of the nature research academic workshop” Effective Academic Writing”, EKB, 2021.</li><li>▪ Attendance of the nature research academic workshop” Logical Manuscript Structure”, EKB, 2021.</li><li>▪ Attendance of the nature research academic workshop” Journal Editor 1”, NRC, EKB, 2021.</li><li>▪ Application of Molecular docking in drug design and development, 3<sup>rd</sup> October 2021, October 6 university.</li><li>▪ Diploma in preparing a professional trainer(TOT), Educational Research center, October 6 university, 5-3-2022 till 26-3-2022.</li><li>▪ How to write course specifications according to NARS 2017 26<sup>th</sup> June, 2022</li></ul>
<b>V- Awards:</b>	<ul style="list-style-type: none"><li>▪</li></ul>
<b>VI- Memberships in the committee:</b>	<ul style="list-style-type: none"><li>▪</li></ul>
<b>VII- Other activities:</b>	<ul style="list-style-type: none"><li>▪</li></ul>