Curriculum Vitae

I- Personal information:	
1) Full Name:	▪ Ahmed Emad Fathy Abbas
2) Title:	▪ Lecturer Assistant
3) Nationality:	▪ Egyptian
4) Date of birth:	▪ 6/8/1993
5) Place of birth:	▪ Kafr el Shaikh, Egypt
6) Marital status:	▪ Married
7) Address:	▪ Faculty of Pharmacy, October 6 University
8) E-Mail:	▪ dr.ahmedeemad@gmail.com; ahmed.emad.pha@o6u.edu.eg
9) H-Index (according to Scopus):	▪ 2
10) Website:	▪ https://www.scopus.com/authid/detail.uri?authorId=57787727000
11) ORCID:	▪ https://orcid.org/0000-0002-7098-8662
12) Scopus author ID:	▪ 57787727000
II- Education:	• Master's degree in Pharmaceutical Sciences (Analytical Chemistry, Al-Azhar University, 2022) **M.Sc.** Thesis: Instrumental analysis of certain nitrogenous pharmaceutical compounds. • B. Pharm. Sci. (October 6 University, 2016) Excellent Degree with honors, and I was ranked first in my class throughout the five years of study.
III- Professional occupations:	• Demonstrator in the Analytical Chemistry Department, Faculty of Pharmacy, October 6 University 1/4/2018 to 15/3/2022. • Lecturer Assistant in Analytical Chemistry Department, Faculty of Pharmacy, October 6 University from 15/3/2022.
IV- Experience:	

a) Teaching experience:

- Teaching practical courses in analytical chemistry since 2018, covering the following subjects:
  1- Pharmaceutical Quality Control for fifth-year pharmacy students at O6U
  2- Analytical Chemistry 1 for the first-level pharmacy students at O6U.
  3- Instrumental Analysis for the second-level pharmacy students at O6U.
  4- Applied Analysis for the third-level pharmacy students at O6U.
  5- Analytical Chemistry 2 for the second-level pharmacy students at O6U.
  6- Advanced Instrumental Analysis for the fifth-year pharmacy students at O6U.

b) Research experience and list of publications:

- Analysis of Pharmaceutical compounds utilizing different analytical techniques such as Spectrophotometry, High-performance liquid Chromatography, TLC-Densitometry, FTIR, and Voltammetry.
  I have published 7 manuscripts until now in local and international Journals as shown below.

1- An innovative nanoparticle-modified carbon paste sensor for ultrasensitive detection of lignocaine and its extremely carcinogenic metabolite residues in bovine food samples: Application of NEMI, ESA, AGREE, ComplexGAPI, and RGB12 algorithms. Food Chemistry Journal. 2023. DOI: 10.1016/j.foodchem.2023.136579

2- A sustainable data processing approach using ultraviolet-spectroscopy as a powerful spectral resolution tool for simultaneously estimating newly approved eye solution in the presence of extremely carcinogenic impurity aided with various greenness and whiteness assessment perspectives: Application to aqueous humor. Journal of Chemical Research. 2023. DOI: 10.1177/17475198231195811.

3- A validated TLC-densitometry for the simultaneous determination of tamsulosin and dutasteride in their combined pharmaceutical formulation. Al-Azhar Journal of Pharmaceutical. 2021. DOI: 10.21608/ajps.2021.187763

4- Innovative electrochemical electrode modified with Al_2O_3 nanoparticle decorated MWCNTs for ultra-trace determination of tamsulosin and solifenacin in human plasma and urine samples and their pharmaceutical dosage form. RSC Advances Journal. 2022. DOI: 10.1039/D2RA01962K

5- A Green-and-White Integrative Analytical Strategy Combining Univariate and Chemometric Techniques for Quantifying Recently Approved Multi-Drug Eye Solution and Potentially Cancer-Causing Impurities: Application to the Aqueous Humor. Journal of AOAC INTERNATIONAL. 2023. DOI: 10.1093/jaoacint/qsad087

6- A New Chemometrically Assisted UV Spectrophotometric Method for Simultaneous Determination of Tamsulosin and

	Dutasteride in Their Pharmaceutical Mixture Journal of AOAC INTERNATIONAL. 2022. DOI: 10.1093/jaoacint/qsac080 7- Environmentally sustainable DRS-FTIR probe assisted by chemometric tools for quality control analysis of cinnarizine and piracetam having diverged concentration ranges: Validation, greenness, and whiteness studies. Spectrochimica Acta Part A. 2023. DOI: 10.1016/j.saa.2023.123161
c) Training and Attendance of conferences :	▪ Springer Nature Research Academies Workshop '**Research Methodology**'. 12 June 2023. (Certified by EKB). ▪ Springer Nature Research Academies Workshop '**Grant Writing**'. 13 June 2023. (Certified by EKB). ▪ Springer Nature Research Academies Workshop '**Writing A Research Paper**'. 18 June 2023. (Certified by EKB). ▪ Springer Nature Research Academies Workshop '**Clinical Research Methodology**'. 25 September 2023. (Certified by EKB).
V- Awards:	▪ Elsevier "Certificate of Reviewing" for **Food Chemistry journal** (2023). ▪ Elsevier "Certificate of Reviewing" for **Microchemical Journal** (2023). ▪ Elsevier "Certificate of Reviewing" for **Spectrochimica Acta Part A** (2023). ▪ "Certificate of Reviewing" for **Journal of Chemical Research** (2023).
VI- Memberships in the committee:	▪ ----------
VII- Other activities:	▪ Participating in the review of numerous research papers in international journals such as: 1- Food Chemistry journal 2- Microchemical Journal 3- Spectrochimica Acta Part A 4- Journal of Chemical Research 5- Revista Mexicana de Ingeniería Química