



***Curriculum Vitae (C.V)***  
**Sherif A. Abdel-Gawad**

**Name:** Sherif A. Abdel-Gawad.

**Date of birth:** 4<sup>th</sup> July 1974.

**Contact Data: e-mail:** *sagawad@yahoo.com, sagawad@cu.edu.eg*

**position:** Lecturer of Analytical Chemistry, Pharmaceutical Chemistry Department, College of Pharmacy, Prince Sattam Bin Abdul Aziz University.

**Education:**

- PhD of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Cairo University-Egypt. The title of the thesis was "Analysis and Stability Studies of Certain Anti-Osteoporotic Drugs "
- MSc. of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Cairo University-Egypt. The title of the thesis was "Photostability of some 4-Quinolones"

**List of Publications:**

- Abdul-Malek S. Altamimi , Ahmed M. Alafeefy , Agnese Balode , Igor Vozny , Aleksandrs Pustenkoc , Mohey Eldin El Shikh , Fatmah A. S. Alasmary , Sherif A. Abdel-Gawad and Raivis Zalubovskis, Symmetric molecules with 1,4-triazole moieties as potent inhibitors of tumour-associated lactate dehydrogenase-A, JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, 2018, 33(1): 147–150.
- **Sherif A. Abdel-Gawad** and Rania M. El-Gamal, Micellar HPLC method for the simultaneous determination of naltrexone and bupropion in their co-formulated tablet. Application to human urine, Saudi Pharmaceutical Journal, 2018, 26(2):169-176.
- Abdel-Raheim M. A. Donia, **Sherif A. Abdel-Gawad**, Abdullah A. Al-Kahtani ,Faisal Imam, UPLC-MS/MS Method for Simultaneous Quantification of Glimepiride and Metformin in Human Plasma, International Journal of Pharmaceutical Research & Allied Sciences, 2017, 6(4):80-87.
- Said A. Hassan and **Sherif A. Abdel-Gawad**, Application of wavelet and Fourier transforms as powerful signal processing tools for determination of naltrexone and bupropion in their binary mixture, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, vol.191 (2017), 365 - 371.
- Eman S.Elzanfaly and **Sherif A. Abdel-Gawad**, Simultaneous determination of ramipril, glimepiride and metformin in human plasma by ultra-performance

liquid chromatography – tandem mass spectrometry, Journal of Applied Pharmaceutical Science, vol.7(7) 2017, 62 - 69.

- **Sherif A. Abdel-Gawad**, Abdul Malik S. Al-Tamimi, Elsadig H.K. Adam, Chromatographic simultaneous quantification of dapagliflozin and metformin hydrochloride in presence of their degradation products, International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), vol.6(10) 2017, 2007 - 2021.
- Heba K. Ibrahim, Mona M. Abdel-Moety, **Sherif A. Abdel Gawad**, Medhat A. Al-Ghobashy, Mohamed Abdel Kawy. Validated electrochemical and chromatographic quantifications of some antibiotic residues in pharmaceutical industrial waste water. Environmental Science and Pollution Research, (2017) 24: 7023. DOI 10.1007/s11356-016-8340-3.
- **Sherif A. Abdel Gawad**. Simple chromatographic and spectrophotometric determination of sofosbuvir in pure and tablet forms. European Journal of Chemistry, 7 (3) (2016) 375-379.
- **Sherif A. Abdel Gawad**. Validated simultaneous spectrophotometric quantification of a new antiviral combination. European Journal of Chemistry, 8 (1) (2017) 8-12.
- **Sherif A. Abdel Gawad**, Abdullah A. Al-kahtani and Elsadig H. Kamis. Simultaneous quantification of ceftolozane and tazobactam by reversed phase – HPLC in pure and dosage forms. International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), vol.4(10) 2015.
- Mohamed K. Abd El-Rahman, Safaa M. Riad, **Sherif A. Abdel Gawad**, Esraa M. Fawaz, Mostafa A. Shehata. Stability indicating spectrophotometric and spectrodensitometric methods for determination of diatrizoate sodium in presence of its degradation product. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, vol.136 (2015).
- Hayam Mahmoud Lotfy, Maha Abdel Monem Hegazy and **Sherif. Abdel-Gawad**. Simultaneous determination of Simvastatin and Sitagliptin in tablets by new univariate spectrophotometric and multivariate factor based methods. Eur.J.Chem.vol.4,No.4 (2013).
- Mamdouh R. Rezk, **Sherif A. Abdel-Gawad**. Chromatographic determination of sitagliptin and simvastatin in their pharmaceutical formulation. Anal. Chem. An Ind. J. (ACAIJ), vol.12, No.7 (2013).
- Shereen Mowakal, **Sherif A. Abdel-Gawad**. Kinetic spectrophotometric determination of simvastatin using alkaline potassium permanganate. Anal. Chem. An Ind. J. (ACAIJ), vol. 12 No.8 (2013).
- **Sherif A. Abdel-Gawad** and Zeinab Abdelaziz Elsherif. Development and validation of spectrophotometric methods for simultaneous determination of Sitagliptin and Simvastatin in binary mixture. Eur.J.Chem.vol.3,No.4 (2012).

- Ezzat M. Abdel-Moety, Soheir A. Ahmed, Samah S. Abbas and **Sherif A. Abdel-Gawad**. Selective spectrophotometric quantification of ipriflavone in presence of its degradants. Bull. Fac. Pharm. Cairo Univ., vol.46, No. 3 (2008).
- Ezzat M. Abdel-Moety, Soheir A. Ahmed, Khadiga M.O. Kelani and **Sherif A. Abdel-Gawad**. Volumetric and colorimetric determination of enoxacin and ciprofloxacin. Bull. Fac. Pharm. Cairo Univ., vol.42, No. 2 (2004).
- Ezzat M. Abdel-Moety, Soheir A. Ahmed, Khadiga M.O. Kelani and **Sherif A. Abdel-Gawad**. Determination of enoxacin and ciprofloxacin in presence of their photodegradants by HPLC and derivative spectrophotometry. Bull. Fac. Pharm. Cairo Univ., vol.42, No. 2 (2004).

### **Occupied Positions**

- Working as a reviewer in Pakistan Journal of Biological Sciences.
- Working as a reviewer in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy.
- Member in "Quality and Development Unit" in Prince Sattam Bin Abdul-Aziz University, Kingdom of Saudi Arabia. (From October 2017 till now).
- Member in the "Committee for the Updating of the Strategic Plan for the College of Pharmacy, Prince Sattam Bin Abdul-Aziz University, Kingdom of Saudi Arabia. (From September 2017 till now).
- Member in the "Staff Members Evaluation Committee" in the College of Pharmacy, Prince Sattam Bin Abdul-Aziz University, Kingdom of Saudi Arabia. (From September 2017 till now).
- Manager of information technology center, faculty of pharmacy, Benghazi University (from October 2012 to June 2014).
- Member of the technical committee for the dean of faculty of pharmacy, Cairo University (from December, 2011 till September 2012).
- Vice manager for the Drug Manufacturing Unit (DMU) at faculty of pharmacy, Cairo University (from January, 2012 till September 2012).

### **Acquired Research Grants**

- Research grant entitled with: "Targeting Cancer Metabolism: A Fragment Based Approach Towards Bi-Functional Inhibitors of the key Glycolytic Enzyme *h* LDH-A" with project code MED2980-54, offered from King Abdul Aziz City for Science and Technology (KACST) (2016 till now).
- Research grant entitled with: "Simultaneous Quantification of the Newly FDA Approved Anti-biotic Combination for the Treatment of Complicated Infections (Ceftolozane and Tazobactam) either in Pure Form or in their Dosage Form" offered from the deanship of scientific research of Prince Sattam Bin Abdul Aziz University, KSA (2015).

- Research grant entitled with: " Simultaneous Quantification of the Newly FDA Approved Combination for the Treatment of Diabetic Patients (Type 2), Dapagliflozin and Metformin Hydrochloride, either in Pure or in their Dosage Forms", offered from King Abdul Aziz City for Science and Technology (KACST), KSA (2016 till now).
- Research grant entitled with: "Quantification of Newly FDA Approved Drugs for the Treatment of Hepatitis C Virus (HCV) Velpatasvir and Sofosbuvir either in Pure or in their Dosage Form" offered from the deanship of scientific research of Prince Sattam Bin Abdul Aziz University, KSA (2017 till now).

### **Attended Workshops:**

- Solar energy workshop in solar energy center (Ain Shams-University) (1999).
- Effective teaching training course at Faculty and Leadership Development Center – Cairo University (2007).
- Usage of technology in teaching training course at Faculty and Leadership Development Center – Cairo University (2008).
- Ways of scientific research training course at Faculty and Leadership Development Center – Cairo University (2008).
- Student evaluation training course at Faculty and Leadership Development Center – Cairo University (2009).
- Communication skills course at Faculty and Leadership Development Center – Cairo University (2010).
- International publishing of research training course at Faculty and Leadership Development Center – Cairo University (2011).
- Dealing with research fund training course at Faculty and Leadership Development Center – Cairo University (2011).
- Standard operating procedure in toxicological analysis workshop at The Association of Forensic and Clinical Toxicology (TAAFCT) (2011).
- Management and delegation training course at faculty of pharmacy, Cairo University (2012).
- Electronic syllabus design at faculty of pharmacy, Prince Sattam University (2015).
- New trends in ion chromatography at faculty of pharmacy, Prince Sattam University (2015).
- Participation in training course entitled with "Basics of Blackboard" organized by Prince Sattam Bin Abdul-Aziz University, Al-Karj, KSA on (2016).
- Participation as a trainer in a training course entitled with "Basics and Applications of Qualitative and Quantitative Instrumental Analysis of Narcotics" organized by Prince Sattam Bin Abdul-Aziz University, Al-Karj, KSA on (2016).
- Participation in training course entitled with "How to Proceed in a Patent"

organized by Prince Sattam Bin Abdul-Aziz University, Al-Karj, KSA on April (2017).

- Participation in training course entitled with "Writing a research papers" organized by Prince Sattam Bin Abdul-Aziz University, Al-Karj, KSA on November (2017).
- Participation in training course entitled with "Classification of scientific journals" organized by deanship of scientific research of Prince Sattam Bin Abdul Aziz University, KSA on November (2017).
- A workshop entitled with "How to write a research paper for publication" It was arranged and conducted by the Saudi commission for health specialties. It was held on 22<sup>nd</sup> November, 2017.
- A workshop entitled with "The way to search and publish in international data bases for scientific specialties" It was arranged and conducted by the deanship of scientific research. It was held on 12<sup>nd</sup> December, 2017.
- A training course entitled with "Critical thinking in higher education" It was arranged and conducted by the vice rectorate for development and quality. It was held on 1<sup>st</sup> February, 2018.
- A workshop entitled with "Management of scientific references using Mendeley program" It was arranged and conducted by the deanship of scientific research. It was held on 13<sup>rd</sup> March, 2018.

## **Teaching Experience:**

### **(A) Undergraduate courses**

- Physical Chemistry.
- Qualitative Analytical Chemistry.
- Quantitative Analytical Chemistry.
- Advanced Instrumental Analysis.
- Analytical Quality Control.

### **(B) Postgraduate courses**

- Advanced Instrumental and applied analysis for master degree students.
- QC, GLP, GAP and TQM for quality control diploma students.
- Analysis of inorganic poisons for forensic and toxicology diploma students.

## **Technical Experience:**

- Adoption and validation of bioanalytical methods using tandem mass spectrometry.
- Adequate experience in environmental analysis specially in water analysis.
- Application of different analytical techniques for the determination of

*Curriculum Vitae (C.V) Sherif A. Abdel-Gawad*

pharmaceuticals in the presence of their (photo) degradant(s) including:

- Different spectrophotometric methods such as colorimetry, derivative, derivative - ratio and ratio subtraction spectrophotometry.
- Different chromatographic methods such as LC-MS/MS, TLC-densitometry, preparative TLC, two-dimensional TLC, HPLC and GC.
- Different electrochemical techniques like potentiometry and ion selective membrane.
- Different chemometric techniques.

Kingdom of Saudi Arabia – Kharj : June, 2018.