

Basma M. Eltanany

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Education

• Academic Degrees

PhD

ANALYSIS OF SOME MULTICOMPONENT PREPARATIONS USED FOR TREATMENT OF MUCOUS MEMBRANES DISORDERS, 2016, Cairo University.

Master

Analysis of some drugs in multicomponent preparations or in the presence of their degradation products, 2012, Cairo University.

Bachelor

Pharmaceutical sciences, 2006, Cairo University.

• Research interest

Pharmaceuticals, Biopharmaceuticals, Biologicals and biosimilarity assessment Chemometrics, Analytical Toxicology and separation sciences.

Teaching

| | Course Title |
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| Undergraduate Courses (General Program) | 602 Analytical Chemistry I 601 General and Physical Chemistry 603 Analytical Chemistry II 604 Analytical Chemistry III 115 Quality Control and Quality Assurance 605 Instrumental Analysis |
| Undergraduate Courses (Clinical Program) | PC 101 Physical and Inorganic Chemistry PC 205 Pharmaceutical Analytical Chemistry-1 PC 306 Pharmaceutical Analytical Chemistry-2 PC 407 Instrumental Analysis PC 808 Pharmaceuticals Analysis and Quality Control |
| Postgraduate Courses | Advanced Instrumental Analysis. Qualitative and Quantitative Analysis of Organic Poisons. Thermal analysis. Functional Group Analysis and Chemometrics. |

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Career History and Professional Experience

- Lecturer, Analytical Chemistry, Faculty of Pharmacy, Cairo University, May 2016 – now.
- A/Lecturer, Analytical Chemistry, Faculty of Pharmacy, Cairo University, Mar. 2013 – April 2015
- Demonstrator, Analytical chemistry, Faculty of Pharmacy, Cairo University, Mar. 2007 – Feb. 2013.
- Passed national TOEFEL Exam with score 603. (2015)
- International Computer Driving Licence (ICDL): Concept of Information Technology, Using the Computer and Managing Files, Word Processing, Spreadsheets, Database, Presentation, Information and Communication.(2012)
- "Ethical Consideration for Animal Use in Research and Education" training course at Faculty and Leadership Development Center, CU, Trainee (2017)
- "The German Science Day for Outstanding Doctoral and Postdoctoral Candidates" at CONRAD Hotel with DAAD kairo Clusters of Scientific Innovation in the Middle East and North Africa (COSIMENA). Attendee (2017)
- "Scientific Research 101 Session" with Pharmaceutical Skills Community at the premises of Toxicology center, Faculty of Medicine, CU. Attendee (2107)
- "Solid phase Extraction Fundamentals and Implementations, Beat your sample to win together" Interactive Lecture at Faculty of Pharmacy, Porto University, Porto, Portugal. LECTURER & TRAINER (2017)
- "HPLC Method Development and Validation" training workshop at Center of Applied Research & Advanced Studies (CARAS), FOPCU. Trainee (2017)
- "Endotoxin Determination in Pharmaceutical Products (LAL Test)" training workshop at iotechnology Center, FOPCU. Trainee (2017)
- "Enzyme Inhibition Test" training workshop at Performance Appraisal and Quality Assurance Unit PAQU, FOPCU. Trainee (2017)
- "I'm not just a number, On academic evaluation and metrics" training workshop at Performance Appraisal and Quality Assurance Unit PAQU, FOPCU. Trainee (2017)
- "Self Management (DAAD Kairo akademie)" training module at Faculty of Dentistry, Ain Shams University. Trainee (2017)
- "How to write a proposal for postdocs (DAAD Kairo akademie)" training module at Egyptian Petroleum Research Institute. Trainee (2017)
- "How to deal with changes (DAAD Kairo akademie)" training module at the premises of the DAAD Cairo office. Trainee (2017)
- "Presentation Skills (DAAD Kairo akademie)" training module at the premises of the DAAD Cairo office. Trainee (2017)
- "Competitive Research Proposal Writing (DAAD Kairo akademie)" training module at the premises of the DAAD Cairo office. Trainee (2017)
- "Solid Phase Extraction" training workshop, CARAS, FOPCU. Trainee (2016)
- "Communication and Rhetorical Techniques (DAAD Kairo akademie)" training

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| | <p>module at the premises of the DAAD Cairo office. <u>Trainee</u> (2016)</p> <ul style="list-style-type: none"> • "International publishing" Coordinated by Elsevier Africa at Medical Education Development Center, Faculty of Medicine, CU. <u>Attendee</u> (2016) • "Debate Workshop- How to Formulate and Structure an Argumentation (DAAD Kairo akademie)" training module at the premises of Faculty of Nursing, CU. <u>Trainee</u> (2016) • "How to present scientific papers (DAAD Kairo akademie)" training module at Faculty of Computers & Information, CU. <u>Trainee</u> (2016) • "Scholarly Collaboration (DAAD Kairo akademie)" training module at the premises of the DAAD Cairo office. <u>Trainee</u> (2016) • "Intercultural Competence for Egyptians (DAAD Kairo akademie)" training module at the premises of the DAAD Cairo office. <u>Trainee</u> (2016) • "Gender Mainstreaming in Academia (DAAD Kairo akademie)" training module at the premises of the DAAD Cairo office. <u>Trainee</u> (2016) • "Creative Thinking" training course at FLDC, CU, <u>Trainee</u> (2016) • "Project Management (DAAD Kairo akademie)" training module at Faculty of Urban Planning, CU. <u>Trainee</u> (2016) • "Scientific Thinking (DAAD Kairo akademie)" training module at Faculty of Physical Therapy, CU. <u>Trainee</u> (2016) <ul style="list-style-type: none"> • "The Credit Hour Systems", FLDC, Cairo University (CU), <u>Trainee</u> (2015) • "Management of Research Team" training course at FLDC, CU, <u>Trainee</u> (2015) <ul style="list-style-type: none"> • "E-Learning" training course at FLDC, CU, <u>Trainee</u> (2014) <ul style="list-style-type: none"> • "How to write a proposal (DAAD Kairo akademie)" training module at Faculty of pharmacy, Cairo University (FOPCU), <u>Trainee</u> (2013) • "Endnote" training workshop at FOPCU, <u>Trainee</u> (2013) • "Legal rights of staff members" training course at FLDC, CU. <u>Trainee</u> (2013) • "Research Ethics" training course at FLDC, CU, <u>Trainee</u> (2013) • • "International Publishing of Research" training course at FLDC, CU, <u>Trainee</u> (2012) • "Effective presentation skills" training course at FLDC, CU, <u>Trainee</u> (2012) |
| Titles | <ul style="list-style-type: none"> • "Organizing Scientific Conferences" training course at FLDC, CU, <u>Trainee</u> (2011) • "Use of modern technology in teaching "training course at FLDC, CU, <u>Trainee</u> (2011) • "Student Evaluation "training course at FLDC, CU, <u>Trainee</u> (2011) <ul style="list-style-type: none"> • "Quality Control and Quality Assurance in education" training course at FLDC. <u>Trainee</u> (2009) |
| Grants | Has been selected and awarded a scholarship for an Academic Staff mobility (TEACHING AND TRAINING) at University of Porto, Portugal (coordinating institution of the MOBILE +2 project, financed by the European Commission within the framework of the "ERASMUS +") |
| Awards | 2017. |

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Projects

Designed and created the Analytical Toxicology course in the EU funded Erasmus+ project IT-Based International Diploma and Professional Certificate in Clinical Toxicology [ITCT] 561915-EPP-1-2015-1-EG-EPPKA2-CBHE-JP.

Publications and Presentations

- "Solid phase Extraction Fundamentals and Implementations, Beat your sample to win together" Interactive Lecture at Faculty of Pharmacy, Porto University, Porto, Portugal. **LECTURER & TRAINER (2017)**
- 1. **Coupling of on-column trypsin digestion–peptide mapping and principal component analysis for stability and biosimilarity assessment of recombinant human growth hormone.** Sara M. Shatat, Basma M. Eltanany, Abeer A. Mohamed, Medhat A. Al-Ghobashy, Faten A. Fathalla, Samah S. Abbas, *Journal of Chromatography B* 1072 (2018)
- 2. **Purity Indicating TLC Method for Quantitative Determination of Phenylephrine and Dimethindine Maleate in Presence of Dimethindine Maleate Impurity: 2-ethylpyridine in Nasal Gel.** Maha A. Hegazy, Medhat A. Al-Ghobashy, Basma M. Eltanany, Fatma I. Khattab, *Journal of Pharmaceutical Research* 1 (1) (2016).
- 3. **Spectral Resolution and Simultaneous Determination of Oxymetazoline Hydrochloride and Sodium Cromoglycate by Derivative and Ratio-Based Spectrophotometric Methods.** Maha A. Hegazy, Medhat A. Al-Ghobashy, Basma M. Eltanany, Fatma I. Khattab, *European Journal of Chemistry* 6 (3)(2015) 319-324.
- 4. **Validated Chromatographic Methods for the Simultaneous Determination of Sodium Cromoglycate and Oxymetazoline Hydrochloride in a Combined Dosage Form.** Maha A. Hegazy, Medhat A. Al-Ghobashy, Basma M. Eltanany, Fatma I. Khattab, *Journal of Advances in Chemistry*, 11 (8)(2015) 3850-3859.
- 5. **Mathematically-based spectrophotometric assay methods for resolution and determination of ternary mixture of phenylephrine, dimetindene maleate and its major impurity and degradate; 2-ethyl pyridine in nasal gel, 6th International Scientific Conference of Faculty of Pharmacy, Cairo University, "2020 Vision for Pharmacy in Egypt", Maha A. Hegazy, Medhat A. Al-Ghobashy, Basma M. Eltanany, Fatma I. Khattab, 2015.**
- 6. **Spectral Resolution and Simultaneous Determination of Oxymetazoline Hydrochloride and Sodium Cromoglycate by Derivative and Ratio-Based Spectrophotometric Methods. 5th Scientific Conference of Faculty of Pharmacy, Cairo University on Pharmacy at the Cutting-edge: Facing Future Challenges,** Maha A. Hegazy, Medhat A. Al-Ghobashy, Basma M. Eltanany, Fatma I. Khattab, 2014.
- 7. **Validated chromatographic methods for determination of paracetamol, pseudoephedrin and cetirizin in pharmaceutical formulation.** Maha A. Hegazy, Basma M. Eltanany, Fatma I. Khattab. *Analytical Chemistry: An Indian Journal*, 2013.
- 8. **Spectrophotometric Determination of Multicomponent Mixture Using Double Divisor-Ratio Spectra Derivative and Ratio Spectra-Zero Crossing Methods; An Application to Ternary Mixture of Paracetamol, Pseudoephedrin and Cetirizin. 3rd Scientific Conference of Faculty of Pharmacy, Cairo University, "Good Pharmacy Practice", Maha A. Hegazy, Basma M. Eltanany, Fatma I. Khattab, 2012.**