

Ghada Fathy Hussein Elmasry  
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#### Current position

Lecturer – Department of Pharmaceutical and Medicinal Chemistry  
Faculty of Pharmacy – Cairo University.

**Doctor of philosophy degree in pharmaceutical science (Medicinal Chemistry)** *Faculty of pharmacy, Cairo University, Cairo, Egypt* 2019  
Design, Synthesis and Anticancer Activity Evaluation of New Heterocyclic Derivatives as PARP inhibitors”

**Master’s degree in pharmaceutical science (Medicinal Chemistry)** 2015  
*Faculty of pharmacy, Cairo University, Cairo, Egypt*  
“Design, Synthesis and Biological Evaluation of Novel Quinazoline Derivatives and Acyclic Analogues as Antineoplastic Agents”

**Premaster courses (Medicinal Chemistry)** 2008  
*Faculty of pharmacy, Cairo University, Cairo, Egypt*

**Bachelor’s degree of pharmaceutical sciences** 2006  
*Faculty of pharmacy, Cairo University, Cairo, Egypt*  
“Excellent with honor”

#### Academic career

**Lecturer in the pharmaceutical and medicinal chemistry department,** 2019-2022  
*Faculty of pharmacy, Cairo University, Egypt.*

**Assistant lecturer in the pharmaceutical and medicinal chemistry department,** *Faculty of pharmacy, Cairo University, Egypt.* 2015-2019

**Instructor in the Pharmaceutical and Medicinal Chemistry department,** *Faculty of pharmacy, Cairo University, Egypt.* 2007-2015

- Demonstration of various chemical quality control protocols.
- Demonstration of various analytical chemistry approaches.
- Demonstration of various molecular structure identification procedures.
- Demonstration of various synthetic chemistry procedures.

#### Publications

- N.A. El Sayed, A.A. Eissa, **G.F. El Masry**, Mohamed M. Abdullah, and R.K. Arafa, Discovery of novel quinazolinones and their acyclic analogues as multi-kinase inhibitors: design, synthesis, SAR analysis and biological evaluation. RSC Advances, 2016. **6**(113): 111767-111786.
- **G.F. Elmasry**, E.E. Aly, F.M. Awadallah, and S.M. El-Moghazy, Design and synthesis of novel PARP-1 inhibitors based on pyridopyridazinone scaffold. Bioorg. Chem., 2019. **87**: 655-666.
- Mohammed, E. R., and G. F. Elmasry, "[Development of newly synthesised quinazolinone-based CDK2 inhibitors with potent efficacy against melanoma](#)", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 37, issue 1, pp. 686-700, 2022.

### Teaching Experience

- Drug Design postgraduate course.
- Medicinal chemistry undergraduate courses. (Different Drug classes)

### Awards

- Excellence awards throughout the college years 2003(5<sup>th</sup>) and 2006(13<sup>th</sup>).

### Conferences and workshops

- Poster presentation in the "17<sup>th</sup> Scientific Congress of The Association of Colleges of Pharmacy in The Arab World" (1<sup>st</sup> International Conference of Faculty of Pharmacy Ain Shams University-New Trends in Drug Discovery, Development and Pharmacy Practice) 2014.
- Participation in "Structure-Based, Ligand-Based Drug Design" a workshop at Professional Development Program – Misr International University.
- Attending "In Vitro Enzyme Inhibition Assays: Guidelines and Practical Tips" a workshop at Performance Appraisal and Quality Assurance Unit PAQU-Faculty of Pharmacy-Cairo University
- Attending "Course Specification and Blue-Print Writing" a workshop at Performance Appraisal and Quality Assurance Unit PAQU-Faculty of Pharmacy-Cairo University
- Attending "Computers in Chemistry" a workshop at Performance Appraisal and Quality Assurance Unit PAQU-Faculty of Pharmacy-Cairo University

### Soft skill courses

- Ethical considerations for animal use in research and education.
- Statistical analysis of bio-experiments.
- Arabic and English editing in scientific research.

- Crisis management.
- Conference organization.
- Research skills.
- Meeting and managing time.
- Effective presentation skills.
- University code of ethics.
- International publishing and scientific research.
- Exams and students' evaluation system.
- Use of technology in teaching.

### Languages

- English: Excellent.
- Arabic: Native.