

## Yara El-Dash, Ph.D.

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### Education:

**Ph.D. in Pharmaceutical Sciences, Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Cairo University.** 3/2017

*Advisor: Prof. Samir B. Salib.*

*Dissertation: Design, Synthesis and Evaluation of Fused Pyrimidine Derivatives as Potential anticancer Agents.*

**M.Sc. in Pharmaceutical Sciences, Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Cairo University.** 6/2012

*Advisor: Prof. Samir B. Salib.*

*Thesis: Synthesis and Evaluation of the Anticonvulsant Activity of Bivalent Ligands derived from Phenytoin.*

**Bachelor Degree in Pharmacy and Pharmaceutical Sciences, Faculty of Pharmacy, Cairo University.** 5/2008

Excellent cumulative grade with honors.

### Title positions and Employment:

**Lecturer**, Pharmaceutical Organic Chemistry department, Faculty of Pharmacy, Cairo University. 3/2017- Present

**Assistant lecturer** Pharmaceutical Organic Chemistry department, Faculty of Pharmacy, Cairo University. 8/2012- 1/2017

**Research and Teaching assistant**, Pharmaceutical Organic Chemistry department, Faculty of Pharmacy, Cairo University. 3/2009 – 7/2012

## Research interest:

- Rational design and synthesis of different classes of chemical entities with potential biological activities using different synthetic routes.
- Analysis and interpretation of spectral data (IR, <sup>1</sup>H-NMR, <sup>13</sup>C-NMR and Mass spectra) of the newly synthesized compounds, as well as intermediates.
- Molecular modeling and docking studies for study of drug receptor interactions, predicting the relative activity and binding of several synthesized candidates.

## Publications:

Samir Botros, Omneya M. Khalil, Mona M. Kamel and **Yara S. El-Dash**, "Synthesis, Characterization and Cytotoxicity of Substituted[1]Benzothieno[3,2-*e*][1,2,4]triazolo [4,3-*a*]pyrimidines", *Acta Chimica Slovenica*, 64, 102-116 (2017).

Samir Botros, Omneya M. Khalil, Mona M. Kamel and **Yara S. El-Dash**, "Design, synthesis and in vitro anticancer activity of novel S-alkyl thieno[2,3-*d*]pyrimidinone derivatives", *Der Pharma Chemica*, 8(18), 380-393 (2016).

Samir B. Salib, Omneya M. Khalil, Mona M. Kamel and **Yara El-Dash**, "Synthesis and Antitumor Activity of Novel Thienopyrimidine Derivatives Containing Thiosemicarbazide Moiety", *Open Access Library Journal*, 3, e2876 (2016).

S. Botros, Nadia A. Khalil, Bassem H. Naguib and **Yara El-Dash**, "Synthesis and Anticonvulsant Activity of New Phenytoin Derivatives", *European Journal of Medicinal Chemistry*, 60, 57-63 (2013).

Samir Botros, Nadia A. Khalil, Bassem H. Naguib and **Yara El-Dash**, "Phenytoin-based Bivalent ligands: Design, Synthesis and Anticonvulsant Activity", *Archives of Pharmacal Research*, 35, 12, 2105-2116 (2012).

## Conferences:

- Attending the 1<sup>st</sup> International Conference of Pharmaceutical Sciences "Future Trends and Innovations in Pharmacy." Misr University for Science and Technology. 10/2018
- Member of editorial board & organizing committee at 9<sup>th</sup> International Scientific Conference of the Faculty of 4/2018

Pharmacy, Cairo University, “Towards Globally Recognized Egyptian Pharmaceutical Ingredients: A National Priority.”

- Member of organizing committee at 8<sup>th</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University, “Pharmacy in Egypt: Ensuring Access to Health.” 4/2017
- “Synthesis of Certain Thienopyrimidines as Potential Antitumor Agents”, Poster presented at 5<sup>th</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University, “Pharmacy at the Cutting-edge: Facing Future Challenges.” 4/2014
- Member of organizing committee at 3<sup>rd</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University, “Good Pharmacy Practice.” 4/2012
- “Synthesis and anticonvulsant activity of new phenytoin derivatives using hybrid approach”, Poster presented at 3<sup>rd</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University, “Good Pharmacy Practice.” 4/2012
- “Phenytoin-based bivalent ligands: Design, synthesis and anticonvulsant activity”, Poster presented at 3<sup>rd</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University, “Good Pharmacy Practice.”

### **Workshops/ Seminars:**

- SciVal: A tool for evidence-based research planning; organized by the International Relations Bureau (IRB), Faculty of Pharmacy, Cairo University. 10/2018
- Shifting PowerPoint Presentations to Interactive E-Learning Presentations; organized by the computer center, Faculty of Pharmacy, Cairo University. 9/2018
- Computer-Aided Drug Design 4<sup>th</sup> workshop; organized by Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain Shams University. 7/2017

**Training and Workshops organized by PAQU, Faculty of Pharmacy, Cairo University:**

- Mendely Citation Manager Software. 9/2018
- Intellectual Property Rights in Pharmaceutical products. 11/2017
- Lights on Faculty Members Upgrades in Egyptian Universities. 10/2017
- Risk and Crisis Management and Evacuation Plan. 4/2010
- Molecular modeling and drug design using Molecular Operating Environment (MOE) software workshop. 7/2009

**Training attended at Faculty and Leadership Development Center (FLDC), Cairo University:**

- Change Management. 1/2017
- Managing Research Teams. 2/2017
- Conference Organization. 10/2016
- Use of Technology in Teaching. 8/2015
- Competing for a Research Fund. 8/2013
- Research Ethics. 2/2013
- Communication Skills. 5/2012
- International Publishing of Research. 1/2012
- Code of Ethics. 7/2011
- Student Evaluation. 2/2011
- Time and Conference Management. 10/2010

**Honors/Awards:**

- Cairo University International Publication Award. 2018
- Active participation in the committees of Performance Appraisal and Quality Assurance Unit (PAQU) awarded by the 9<sup>th</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University. 2018
- Cairo University International Publication Award. 2016
- The Best Master's Thesis in the Department of Pharmaceutical Organic Chemistry in the academic year 2011-2012 awarded by the 3<sup>rd</sup> International Scientific Conference of the Faculty of Pharmacy, Cairo University. 2013
- Faculty of Pharmacy, Cairo University 4<sup>th</sup> distinction week Award. 2013
- Cairo University International Publication Award. 2013
- Departmental honor citation for excellence in teaching award. 2012
- Faculty of Pharmacy Honors Award, Cairo University, Egypt. 2009
- Egyptian Syndicate of Pharmacists Honors Award, Egypt. 2009

## Courses Taught:

-Teaching of undergraduate discussion classes:

<b>Organic Chemistry-2 (502)</b>	Spring 2018
<b>Pharmaceutical Organic Chemistry-1 (PC 102)</b>	Spring 2018
<b>Pharmaceutical Organic Chemistry-3 (PC 304)</b>	Fall 2018
	Fall 2017

-Practical teaching of the principles and methods for identification of organic compounds and their classification:

<b>Organic Chemistry-1 (501)</b>	2009-2017
<b>Organic Chemistry-2 (502)</b>	2009-2017
<b>Pharmaceutical Organic Chemistry-1 (PC102)</b>	2009-2017
<b>Pharmaceutical Organic Chemistry-2 (PC 203)</b>	2009-2017

-Practical teaching of different techniques used for the synthesis of some intermediate compounds with pharmaceutical applications:

<b>Organic Chemistry-3 (504)</b>	2009-2017
<b>Organic Chemistry-4 (505)</b>	2009-2017
<b>Pharmaceutical Organic Chemistry-3 (PC 304)</b>	2009-2017

## Institutional Services:

- Member of Communicating with beneficiaries Committee, Performance Appraisal and Quality Assurance Unit (PAQU), Faculty of Pharmacy, Cairo University. 2013-2016
- Assistant Coordinator of Standards Coordinators Committee, Performance Appraisal and Quality Assurance Unit (PAQU), Faculty of Pharmacy, Cairo University. 2016-2018
- Coordinator of Pharmaceutical Organic Chemistry Department at the Performance Appraisal and Quality Assurance Unit. 2017-2018
- Academic advisor for Class 2021 students, Clinical Pharmacy Program. 2016-Present

*"References are available upon request"*