

Curriculum Vitae

Name: Riham François George Eskandar

Date of birth: 28/5/1977

Nationality: Egyptian

Languages: English and French

Marital state: Married/ 2 children

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Certificates:

- **B.Sc.** (Pharmacy and Pharmaceutical Sciences, Cairo University, Excellent honor, 1999)
- **M.Sc.** (Pharmaceutical Chemistry, Cairo University, 2007)
MSc thesis entitled: "Synthesis of some compounds of anticipated activity on some brain stimulant amines"
- **Ph.D.** (Pharmaceutical Chemistry, Cairo University, 2009)
PhD thesis entitled: "Synthesis and anti-inflammatory evaluation of certain condensed pyrimidine heterocyclic derivatives"

Positions held:

*Demonstrator of Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University, 1999-2006.

*Assistant lecturer of Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University, 2007-2009.

*Lecturer of Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University, since 2009.

List of publications:

- 1) Mona M. Hanna, Nahed M. Eid, **Riham F. George** and Hani M. Safwat; "**Synthesis of some tropane derivatives of anticipated activity on the reuptake of norepinephrine and /or serotonin**"; *Bioorg.Med.Chem.*, **2007**, *15*, 7765.
- 2) Kamilia M. Amin, Mona M. Hanna, Hanan E. Abo-Youssef and **Riham F. George**; "**Synthesis, analgesic and anti-inflammatory activities evaluation of some bi-,tri- and tetracyclic condensed pyrimidines**"; *Eur.J.Med.Chem.*, **2009**, *44*, 4572.
- 3) Adel S. Girgis, Hanaa Farag, Nasser S.M. Ismail and **Riham F. George**; "**Synthesis, hypnotic properties and molecular modeling studies of 1,2,7,9-tetraaza-spiro[4.5]dec-2-ene-6,8,10-triones**"; *Eur.J.Med.Chem.*, **2011**, *46*, 4964-4969.
- 4) **Riham F. George**; "**Stereoselective synthesis and QSAR study of cytotoxic 2-(4-oxo-thiazolidin-2-ylidene)-2-cyano-N-arylacetamides**"; *Eur.J.Med.Chem.*, **2012**, *47*, 377-386.
- 5) Mona M. Hanna and **Riham F. George**, "**Facile Synthesis and Quantitative Structure–Activity Relationship Study of Antitumor Active 2-(4-Oxo-thiazolidin-2-ylidene)-3-oxo-propionitriles**"; *Chem. Pharm. Bull.*, **2012**, *60* (9), 1195–1206.
- 6) Safinaz E. Abbas, Nagwa M. Abdel Gawad, **Riham F. George** and Yahya A. Akar, "**Synthesis, antitumor and antibacterial activities of some novel tetrahydrobenzo[4,5]thieno[2,3-*d*]pyrimidine derivatives**"; *Eur.J.Med.Chem.*, **2013**, *65*, 195-204.
- 7) **Riham F. George**, Nasser S.M. Ismail, Jacek Stawinski and Adel S. Girgis, "**Design, synthesis and QSAR studies of dispiroindole derivatives as new antiproliferative agents**"; *Eur.J.Med.Chem.*, **2013**, *68*, 339-351.
- 8) Polina V. Oliferenko, Alexander A. Oliferenko, Adel S. Girgis, Dalia O. Saleh, Aladdin M. Srour, **Riham F. George**, Girinath G. Pillai, Chandramukhi S. Panda, C. Dennis Hall and Alan R. Katritzky, "**Synthesis, bioassay, and Molecular Field Topology Analysis of diverse vasodilatory heterocycles**"; *J. Chem. Inf. Model.*, **2014**, *54*, 1103-1116.
- 9) Anand D. Tiwari, Siva S. Panda, Adel S. Girgis, Sandhyamayee Sahu, **Riham F. George**, Aladdin M. Srour, Brian La Starza, Abdullah M. Asiri, C. Dennis Hall and Alan R. Katritzky, "**Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers**", *Org. Biomol. Chem.*, **2014**, *12* (37), 7238-7249.

10) Adel S. Girgis, Dalia O. Saleh, **Riham F. George**, Aladdin M. Srouf, Girinath G. Pillai, Chandramukhi S. Panda and Alan R. Katritzky, "Synthesis, bioassay, and QSAR study of bronchodilatory active 4*H*-pyrano[3,2-*c*]pyridine-3-carbonitriles"; Eur.J.Med.Chem., 2015, 89, 835-843.

List of patents:

1. Novel antitumor active dispiro-analogues. A. S. Girgis, **R. F. George**, Egypt. Patent *Ref. No.* **495/2013** (submitted for registration on Mar. 25, 2013).

مشتقات ثنائي الاسبيرو جديدة ذات نشاط مضاد للأورام.

2. Antiproliferative active fluoro-substituted spiro-alkaloids. A. S. Girgis, **R. F. George**, F. M. Awadallah, Egypt. Patent *Ref. No.* **1975/2013** (submitted for registration on Dec. 25, 2013).

مشتقات فلورو اسبيرو الكلبيد جديدة ذات نشاط مضاد للأورام.

3. Antiproliferative active dispiro-oxindole, A. S. Girgis, **R. F. George**, Egypt. Patent *Ref. No.* **164/2014** (submitted for registration on Feb. 5, 2014).

مشتقات ثنائي اسبيرو اوكسي اندوال ذات نشاط مضاد للأورام

4. Novel indole containing-compounds of potential antiproliferative properties, A. S. Girgis, **R. F. George**, Egypt. Patent *Ref. No.* **278/2014** (submitted for registration on Feb. 25, 2014).

مشتقات حلقة الاندوال جديدة ذات نشاط مضاد للأورام

5. Antiproliferative active chloro-substituted spiro-oxindoles, A. S. Girgis, **R. F. George**, Egypt. Patent *Ref. No.* **758/2014** (submitted for registration on May 12, 2014).

مشتقات كلورو اسبيرو اوكسي اندوال ذات نشاط مضاد للأورام

Conferences:

- 1- **Riham F. George**, poster presentation entitled “Stereoselective synthesis and QSAR study of cytotoxic 2-(4-oxo-thiazolidin-2-ylidene)-2-cyano-*N*-arylacetamides”, The Egyptian Conference Celebrating International Year of Chemistry IYC 2011 “Chemistry and Development”, October 23-25, 2011 Cairo, Egypt.
- 2- Mona M. Hanna, **Riham F. George**, Poster presentation entitled “Facile Synthesis and Antitumor Activity of Some 2-[4-oxo-3-phenyl-thiazolidin-2-ylidene]-3-oxo-propionitriles”, 3rd Scientific Conference of Faculty of Pharmacy, Cairo University "Good Pharmacy Practice" April 25- 26th, 2012, Cairo, Egypt.
- 3- Safinaz E. Abbas, Nagwa M. Abdel Gawad, **Riham F. George**, Yahya A. Akar, poster presentation entitled “Synthesis, antitumor and antibacterial activities of some novel tetrahydrobenzo[4,5]thieno[2,3-d]pyrimidine derivatives”, 4th International Scientific Conference of Faculty of Pharmacy, Cairo University "Pharmacy Education and Community Expectations", April 24-25th, 2013, Cairo, Egypt.
- 4- Adel S. Girgis, Dalia O. Saleh, **Riham F. George**, Aladdin M. Srour, Girinath G. Pillai, Chandramukhi S. Panda, Alan R. Katritzky, Poster presentation entitled “Synthesis, bioassay, and QSAR study of bronchodilatory active 4*H*-pyrano[3,2-*c*]pyridine-3-carbonitriles”, April 23-24th, 2014, Cairo, Egypt.

List of supervised Theses:

- 1- Mohamed Gamal Abo Elyazid, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since March. 16, **2011**.
- 2- Mohamed Shawky Rashad Elsayed, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since April 12, 2012.
- 3- Yahya Ahmed Abdel Hafeez Salem, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since May 20, 2012.
- 4- Manal Abdel Fattah Ezzat, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since May 20, 2012.
- 5- Ahmed Ali Mohamed Ibrahim, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Nahda University, ongoing supervision since July 12, 2012.
- 6- Ahmed Atef Naser Ali, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since Dec. 13, 2012.
- 7- Abdallah Reda Mohamed Arafa, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since April 21, 2013.
- 8- Nahla Rabie Ibrahim Ali, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since Oct. 10, 2013.
- 9- Mariam Maged Mouris Mosaad, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since March, 16, 2014.
- 10- Tarek Mohamed Kamal Abdin, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Cairo University, ongoing supervision since 2013.
- 11- Salma Alaadin Zaki Elhooshy, M.Sc. Thesis, Pharmaceutical Chemistry Dep., Faculty of Pharmacy, Ain Shams University, ongoing supervision since July, 25, 2012.

Other research activities:

- Peer reviewer in some international journals such as: European Journal of Medicinal Chemistry, Bioorganic & Medicinal Chemistry, Letters in drug design and discovery, Archive der Pharmazie, Letters in Organic Chemistry, Research in Chemical Intermediates.
- Peer reviewer in Bulletin of Faculty of Pharmacy Cairo University
- international publication awards from Cairo University 2011, 2012, 2013.

Teaching activities:

- Participating in teaching the undergraduate Pharmaceutical Chemistry I (801) from 2010 till 2012.
- Participating in teaching the undergraduate Pharmaceutical Chemistry II (802) since 2012.
- Participating in teaching the undergraduate students of Clinical Program Medicinal Chemistry II (PC610) during the academic year 2011-2012.
- Participating in teaching the undergraduate students of Clinical Program Medicinal Chemistry I (PC509) during the academic year 2013-2014.
- Participating in teaching the undergraduate students of Clinical Program the elective course Drug design (PCE 11) from 2010-2012.
- participating in oral exams as external examiner in Faculty of Pharmacy - Ain Shams University and Faculty of Pharmaceutical Sciences and Industrial Pharmacy- Future University.
- Participating in teaching the postgraduate Advanced topics in pharmaceutical medicinal chemistry (2806) from 2009 till 2012.
- Participating in teaching the postgraduate Advances in drug synthesis (2803) 2012.
- Participating in teaching the postgraduate elective course Biopharmaceutical reaction mechanisms since 2012.

Other Faculty activities:

- Assistant of Vice Dean of Environmental Affairs and Community service of Faculty of Pharmacy, Cairo University since 1/1/2012 till 31/7/ 2012.
- Supervising the summer training of undergraduate students in Faculty of Pharmacy, Cairo University.
- Course coordinator of the “Performance Appraisal and Quality Assurance Unit (PAQU) in the department of Pharmaceutical Chemistry (undergraduate curricula 801 and 802 and postgraduate curricula 2806, 2803 and 2808).
- Department representative in PAQU to follow the course specifications and reports.
- Member in training committee of PAQU.
- Internal Auditor on the departments of the Faculty of Pharmacy, Cairo University.
- Academic advisor for clinical program students.

- Participating in committees of inspection of chemicals and glassware.
- Participating in organization of the faculty fourth scientific conference April 24-25th 2013.

- Training courses and workshops:

- Chemical Safety and Security Training 26, 27th Oct. 2011.
- Computer Aided Drug Design and Molecular Modeling Programs, 10th -11th Oct. 2010.
- New Trends in Organic Chemistry , Research Overview, 20th March 2012.
- Structure –Based, Ligand-Based Drug Design, June 2014.
- Research Team Mangement 7-9th March 2011.
- Student Evaluation 2nd -4th May 2011.
- Competitive Research Projects 20-22th Feb. 2012.
- Strategic Planning 11, 12th Sep. 2013.
- University Management 12, 13th Feb. 2014.
- Legal and Financial Aspects in University Aspects 5, 6th July 2014.