

CURRICULUM VITAE

RIHAM IBRAHIM EI GOGARY

1- Personal Information

Date of Birth: 16 April 1982

Birth Place: Dubai- United Arab Emirates

Marital status: Married.

Sex: Female.

Nationality: Egyptian

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2- Current Position

Associate Professor of Pharmaceutics, Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University

3- Education

August 2014 **PhD** of Pharmaceutical Sciences (Pharmaceutics), Department of Pharmaceutics, Faculty of Pharmacy, Ain Shams University

September 2010 **M.Sc.**, of Pharmaceutical Sciences (Pharmaceutics), Department of Pharmaceutics, Faculty of Pharmacy, Ain Shams University.

June 2004 **B.Sc.**, of Pharmaceutical Sciences, Faculty of Pharmacy, Ain Shams University with general grade "Excellent with Honors".

June 1999 Diploma of secondary school- Ramses college for girls (Ex-American college)

4- Posts Held

23/12/ 2020 **Associate Professor of Pharmaceutics and Industrial Pharmacy,**
Department of Pharmaceutics and Industrial Pharmacy, Ain Shams

- University, Cairo, Egypt
- 2/2019-5/2019** **Lecturer of Pharmaceutics, Part time**, Department of Pharmaceutics, Misr International University (MIU), Egypt.
- 9/2015-2/2016** **Lecturer of Pharmaceutics, Part time**, Department of Pharmaceutics, Misr International University (MIU), Egypt
- 2014- 2019** **Lecturer of Pharmaceutics and Industrial Pharmacy**, Department of Pharmaceutics and Industrial Pharmacy, Ain Shams University, Cairo, Egypt
- 2010-2014** **Lecturer Assistant of Pharmaceutics and Industrial Pharmacy**, Department of Pharmaceutics and Industrial Pharmacy, Ain Shams University, Cairo, Egypt
- 6/2012-1/2013** **Visiting Scientist and Researcher**, School of Pharmacy and Biomedical Sciences, Kings college London, United Kingdom.
- 2005-2010** **Teaching Assistant**, Department of Pharmaceutics, Faculty of Pharmacy, Ain Shams University-Cairo, Egypt.
- 2004-2005** **Senior Pharmacist**, Lobna Pharmacy, Nozha street, Cairo, Egypt.

5- Teaching Experience

Institution	Level	Courses Taught
Ain Shams University, Faculty of Pharmacy	Undergraduates	Physical Pharmacy, Pharmaceutics 1-2-3, Biopharmaceutics and Pharmacokinetics, Pharmacy Practice and Dosage form design.
	Postgraduates	Physical Pharmacy Specialized Pharmaceutics

Part time teaching at Faculty of pharmacy, Misr international university (MIU), Pharmaceutics 1 (solutions, suspensions, emulsions) from September- January (Fall 2015-2016)

Part time teaching at Faculty of pharmacy, Misr international university (MIU), Pharmaceutics 1 (solutions, suspensions, emulsions) from February- June (Spring 2019)

Part time teaching at the Faculty of Pharmacy at the British University in Egypt (BUE), Physical Pharmacy course February-June (Spring 2020)

6- Other Professional Experience

1- Supervision on student researches and summer projects

- 2- Participation in SCOPS activities 2009-till 2012
- 3- Participated in the preparation of practical notes of some courses; Physical Pharmacy, Pharmacy Practice, Pharmaceutics 1& 2 &3 and Sterile dosage forms course

7- Activities and Skills

1- Languages : Excellent command of English

Toefel IBT score: 104/120

FCE from british council : grade A (2005)

Good command of french

2- Computer skills: Winword, Excel, PowerPoint, Internet and Mailing (ICDL certified)

3- Personal skills: Excellent presentation, effective working individually or as a part of a team, gain experience and skills quickly, utilization of interactive teaching, powerpoint presentation; seminars and workshops.

8- Research interest

Cancer targeting, Nanoparticulate delivery systems, Colon targeting, micro and nanoencapsulation, controlled release drug delivery systems, vesicular systems, topical dosage forms, intra-articular delivery, wound healing preparations, tablet dosage Form.

Title of master thesis “Colonic delivery systems for Methylprednisolone”

Title of PhD thesis: “Nanoparticles based drug delivery systems for tumor targeting”

9- Conferences

1- First Middle East Congress of Pharmacy and Pharmaceutical Sciences, November 2008.

2- The Egyptian pharmaceutical society conference of pharmaceutical sciences, December 2008, participated with a **poster** entitled “Comparative effect of different polymer treatments for colon targeting of methylprednisolone tablets”.

3- FUE International conference on Pharmaceutical Technologies, 6-9 February 2012, Cairo, Egypt. (attending the conference).

4- 19th International Symposium on Microencapsulation, 9-11 September 2013, Pamplona, Spain. Presenter of a **poster** entitled “Encapsulation and optimization of a natural flavonoid, quercetin, into polymeric nanocapsules.

5- 17th Scientific Congress of the Association of Pharmacy Colleges in the Arab World; October 14th-16th, 2014 in Cairo, Egypt: **oral presentation** entitled “Folic

acid-Polyethylene Glycol Conjugated Polymeric Nanocapsules for Targeted Delivery of a herbal anticancer drug to Cancer Cells in vitro and in vivo”.

6- **The 15th UKICRS workshop and symposium, University of Nottingham, United Kingdom 16-17 April 2015**: selected for **oral presentation** in addition to a poster entitled “Surfactants Coated PLGA Nanoparticles for Brain Targeting of the Antioxidant Flavonoid, Quercetin”

7- **4th FUE International conference**, 31 January- 2 February 2017, Cairo, Egypt (attending the conference).

8- **Twas/Biovision workshop** 18-19 April 2018 on science diplomacy (grant) followed by **Biovision Alexandria** :20-22 April 2018, bibliotheca Alexandria, Egypt (attending the conference).

9- The 7th Ain Shams University Annual International conference (attending the conference).

10-**The 2nd ICPASU " International Conference of the faculty of pharmacy , Ain shams university** 13-15 November , 2018 : participated with a **scientific poster** entitled " The Effect of Rosuvastatin Polymeric Nanocapsules on The Cell Cycle of Hepatic Cancer cells" (poster, attending and organizing the conference).

11- "AGYA fellowship on Translational Research" held in the AUC in Cairo, Egypt from 17-21 November 2018 (attending the workshop).

11- The "Controlled Release Society (CRS)" held from 21-24 July 2019 participated with 3 scientific posters entitled 1- presented by Riham ElGogary entitled "**Nutraceutical-assisted wound healing using vesicular nanoparticles (PEVs)**"

2- presented by Maha Nasr entitled " **Baicalin-loaded nanocapsules: A promising anticancer modality**"

3- presented by Hend Abdallah entitled "**Hyaluronan nanocapsules: A new Intraarticular drug delivery system**"

Another co authored work, extracted from project funded by AGYA, was selected for **oral presentation** by Maha Nasr in the **CRS** also entitled"" **A Nano-Nutraceutical Approach For Psoriasis Treatment With Clinical Appraisal**"

12. "**Biovision 2020**" that will be held in bibliotheca Alexandria, Egypt: An accepted **poster** abstract entitled "**Nutraceuticals Nanoemulsions applications in burn healing**" presented by project co-member "Rania F. Ahmed"

13. **NWC Boston United Scientific Group** Virtual meeting on "Advances and Challenges in Nanomedicine" June 2020.

15. Virtual's **Phi's Research and Innovation** Summit July 2020.

14. **UKICRS virtual meeting** October 2020

15. Virtual meeting entitled "**Using research metrics and indicators effectively in grant proposals**" held on September 2020 by the Egyptian Knowledge bank>

16. Selected as a fellow of the **Middle East/North-Africa Science Leadership Programme and attended** MENA-SLP virtual workshop held by Africa Science Leadership Programme and EYAS in September 2021 under the title “**The Role of Collective Leadership for Achieving Sustainable Development Goals** ”

10- International & National Collaborations

International: - School of Pharmacy and Biomedical Sciences, King’s college London, United Kingdom .Three research papers
- School of pharmacy, Mutah University, Jordan. Two research papers.
- School of pharmacy, Queen's university, Belfast.
- Department of internal medicine (dermatology), Faculty of Medicine, University of Tabuk, Saudi Arabia

National: Nanomedicine Department, Institute of Nanoscience and Nanotechnology, Kafr Elsheikh University, Kafr Elsheikh, Egypt
- School of medicine, Assiut University
- School of veterinary medicine, Cairo University
- Department of physiology National organization for drug control and research
- Department of Pharmacology, National research center
- Department of pathology, October university of Modern Sciences and arts (MSA), Egypt
- Department of pathology, Faculty of medicine, Helwan University.

11- Publications

h index (google scholar): 8

i-10 index (google scholar): 7

RG Score: 19.32

Number of citations: 348

1- Riham I. El-Gogary, Noelia Rubio, Julie Tzu-WenWang,, Wafa’ T. Al-Jamal, Maxime Bourgonon, Houmam Kafa, Muniba Naeem, Rebecca Klippstein,, Vincenzo Abbate, Frederic Leroux, Sara Bals, Gustaaf Van Tendeloo, Amany O. Kamel, Gehanne A.S. Awad, Nahed D. Mortada, and Khuloud T. Al-Jamal. Polyethylene Glycol Conjugated Polymeric Nanocapsules for Targeted Delivery of Quercetin to Folate-Expressing Cancer Cells in Vitro and in Vivo. ACS nano, Vol 8, issue 2, 1384–1401 (2014).

2- Rebecca Klippstein , Julie Tzu-Wen Wang , **Riham I. El-Gogary** , Jie Bai , Falisa Mustafa , Noelia Rubio , Sukhvinder Bansal , Wafa T. Al-Jamal , and Khuloud T. Al-Jamal. **Passively targeted curcumin-loaded PEGylated PLGA nanocapsules for colon cancer therapy in vivo**. *Small*, 11, 4704-4722 (2015).

3- Jie Bai, Julie T.-W. Wang, Noelia Rubio, Andrea Protti, Hamed Heidari, **Riham ElGogary**, Paul Southern, Wafa' T. Al-Jamal, Jane Sosabowski, Ajay M. Shah, Sara Bals, Quentin A. Pankhurst, Khuloud T. Al-Jamal. **Triple-Modal Imaging of Magnetically-Targeted Nanocapsules in Solid Tumours In Vivo**. *Theranostics*. 6 (3) 342-356, (2016).

4- Aldalaen, S., **Riham I. El-Gogary** & Maha Nasr. **Fabrication of rosuvastatin-loaded polymeric nanocapsules: a promising modality for treating hepatic cancer delineated by apoptotic and cell cycle arrest assessment**. *Drug Dev. Ind. Pharm.* 45, 55-62 (2018).

5- **Riham El-Gogary**, Sara A. Abdel Gaber, Maha Nasr. **Polymeric nanocapsular baicalin: A chemometric and mechanistic anticancer approaches** . *Scientific reports*. 9. 11064 , (2019).

6- Enas Elmowafy, **Riham I. El-Gogary***, Maha H.Ragai, Maha Nasr. **Novel antipsoriatic fluidized spanlastic nanovesicles: *In vitro* physicochemical characterization, *ex vivo* cutaneous retention and exploratory clinical therapeutic efficacy**. *International Journal of Pharmaceutics*, Volume 568, (2019).

*** equal contribution, first author**

7- Maha Nasr, **Riham I. El-Gogary**, Hend Abd-Allah, Mona Abdel-Mottaleb. **Nanoparticulate systems for wound healing**. Book chapter In: *Nanopharmaceutics* Volume 1, January (2020).

8- Mona Abdel-Mottaleb, Hend Abd-Allah, **Riham I. El-Gogary**, Maha Nasr. **Versatile hyaluronic acid nanoparticles for improved drug delivery**. Book chapter In: *Drug delivery Aspects* published by elsevier, January (2020).

9- Aldalaen, S., Maha Nasr & **Riham I. El-Gogary**. **Angiogenesis and collagen promoting nutraceutical- loaded nanovesicles for wound healing**. Journal of drug delivery science and technology, Volume 56, (2020).

10. **Riham I. El-Gogary**, Mohamed A. Khattab, Hend Abd-Allah. **Intra-articular Multifunctional Celecoxib Loaded Hyaluronan Nanocapsules For the Suppression of Inflammation in an Osteoarthritic Rat Model**. International Journal of Pharmaceutics. Volume 583. (2020).

11. Abdullah A. Alyoussef, **Riham I. El-Gogary**, Rania F. Ahmed, Omar AH, Ahmed Farid, Rofanda M Bakeer, Maha Nasr. **The beneficial activity of curcumin and resveratrol loaded in nanoemulgel for healing of burn-induced wounds**. Journal of drug science and technology. 62(4):102360. (2021)

12. **Riham El-Gogary, Maha Ragai, Noha Mofteh, Maha Nasr**. Oleuropein as a novel topical antipsoriatic nutraceutical: Formulation in microemulsion nanocarrier and exploratory clinical appraisal. Expert Opinion on Drug Delivery, 1-10 (2021).

12- Masters thesis supervision:

- 1- Quality by design approach for formulation of itopride gastroretentive tablets (2015).
- 2- Lipid integrated systems for brain delivery of Glycyrrhetic acid (2016)
- 3- Formulation of Memantine Hydrochloride loaded nanoparticles for brain delivery (2018)
- 4- Novel nanovesicular systems for penetration enhancement of topical azole antifungal drug (2019)
- 5- Enhancement of bioavailability of a certain statin by transdermal drug delivery (2020)
- 6- Polymeric nanoparticles from renewable sources for prevention and treatment of liver diseases (2020).

13- Training Courses & Places

Training courses:

I- Certified from FLDC (Faculty and Leadership Development Center), Ain Shams University:

- 1- The use of technology in teaching

- 2- Ethics of scientific research.
- 3- Scientific papers publications.
- 4- Small and large scale teaching
- 5- Ethics of academic profession
- 6- Effective communication skills.
- 7- Conferences Organization.
- 8- The use of technology in teaching.
- 9- Fullbright session for introduction of different types of scholarships.

III- HPLC usage training, Agilent Company, Egypt (2010).

IV- Laser Diffraction technique for particle sizing & method development webinar by Malvern company (2012).

V- Aventis Pharmaceutical company- Quality Control department (2002).

VI- Novartis Pharmaceutical Company, Industrial Department (2003)

VII- SPSS statistics advanced course 2019

VIII- Bioinformatics and biostatistics course by SCITA group January 2017

14-Oral Presentations

Ain shams university

- 1-Colonic delivery systems for methylprednisolone
- 2- Nanoparticles based drug delivery systems for tumor targeting
- 3- Pegylated and Galactose Decorated Polymeric Nanoparticles For hepatic Delivery of Quercetin
- 4- Effective Presentation Skills
- 5- Dendrimers
- 6- Biodegradable Polymers
- 7- Differential Scanning Calorimetry
- 8- Folic acid-Polyethylene Glycol Conjugated Polymeric Nanocapsules for Targeted Delivery of a herbal anticancer drug to Cancer Cells in vitro and in vivo. **17th Scientific Congress of the Association of Pharmacy Colleges in the Arab World, 2014.**

International

- 9- Surfactants Coated PLGA Nanoparticles for Brain Targeting of the Antioxidant Flavonoid, Quercetin. **UKICRS, 2015**

15. Membership:

- 1- Egyptian syndicate of pharmacists
- 2- United kingdom and Ireland controlled release society (UKICRS)
- 3- Controlled release society (CRS).

16. Grants

- 1- Six months funded research grant from the Missions Department, Egypt, for research conduction at king's college London (2012).

2- TWAS/Biovision full travel grant to attend the TWAS/Biovision.NXT 2018 meeting in Alexandria, 18-19 April 2018.

3-AGYA fund to attend "AGYA fellowship on Translational Research" held in the AUC in Cairo, Egypt from 17-21 November 2018.

4- **Daniel Turnberg's research** one month research travel grant , May 2020 .

17. Prizes and Awards

1-Certificate for best TA awarded by students 2008

2- The international publishing award from Ain Shams University (2014, 2015, 2016, 2018, 2019, 2020)

3- Partial travel award from Ain Shams University for attending the 15th UKICRS conference held in Nottingham, United Kingdom (2015).

4- Awarded armor of excellence from the Egyptian Pharmacist Syndicate 2010.

5- Certificate of honor for participation in the faculty accreditation by CIQAP.

6- Certificate of excellence in teaching pharmaceutics 1 course 2015-2016

7- Partial travel award from Ain Shams University for attending the CRS conference held in Valencia, Spain (2019).

18- Projects:

1- Member in 2 projects funded by AGYA "Arab German Young Academy" in Germany

Entitled : 1- Go natural with nanotechnology: A Feasibility study on psoriasis with clinical appraisal. Work was presented in the CRS 2020 as poster and oral presentation and under publishing.

2- Novel Multipurpose Nutraceutical Nanoparticles for Cancer Treatment: Merger between Nanomedicine and herbal medicine

2- Supervision of ongoing undergraduate's multidisciplinary research graduation project entitled " Synthesis, formulation and pharmacological evaluation of a novel antibiotic antibacterial molecule">

19- Administrative work:

1- Participation in preparation of course specifications and reports for regular, credit hour and postgraduates courses

2- Course coordinator for Pharmaceutics 1, 3 and sterile dosage forms courses for the years 2017/2018 & 2018/2019

3- Member in the department committee since 2014 till present

4- Member in postgraduates control since 2014 till present

5- Member in postgraduates affairs committee 2017/2018

6- Member in " students and alumini" standard in faculty's assurance unit 2015/2016

7- Member in " internal audit" standard in faculty's assurance unit since 2018 till present

8- Participation in ordering committee for purchasing of chemicals and equipments

9-Member in Faculty Professional health and safety committee 2019/2020