

**Name: Ahmed Rifaat Gardouh**

Position: Associate Professor  
 Department of Pharmaceutics & Industrial  
 Pharmacy.  
 Faculty of Pharmacy  
 Suez Canal University (Egypt)  
 Current (Jadara University , Jordan)  
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**Personal:** Date of birth: 2 / 7 / 1979  
 Marital Status: married

**Academic Qualifications:**

<i>31<sup>st</sup> December 2019</i>	Associate Professor degree in Pharmaceutics & Industrial Pharmacy from Suez Canal University.
<i>30<sup>th</sup> June 2012</i>	Assistant Professor (lecturer) degree in Pharmaceutics & Industrial Pharmacy from Suez Canal University.
<i>15<sup>th</sup> June 2012</i>	Ph.D. in Pharmaceutical Sciences degree in Pharmaceutics & Industrial Pharmacy from Suez Canal University.
<i>August 2007</i>	Master's Degree in Pharmaceutical Sciences degree in Pharmaceutics & Industrial Pharmacy from Suez Canal University.
<i>May 2001</i>	B.Sc. Pharmaceutical Sciences (May 2001), Faculty of Pharmacy, Suez Canal University (Excellent with the degree of honor, 87.83 %).

**Language proficiency**  
 Arabic: mother tongue  
 English (spoken & written): excellent  
 French (spoken & written): very good, TCF-TP (B2) certificat de langue Français  
 Certificat de B1 de centre des langues vivantes, université de Mons, Belgique.

*11<sup>th</sup> February 2020- now* Associate Professor at Department of Pharmacy, Faculty of Pharmacy, Jadara University, Jordan.

<b>Work History</b>	<i>1<sup>st</sup> September 2019- 10<sup>th</sup> February 2020</i>	Associate Professor at the Department of Pharmaceutics & Pharmaceutical technology, Faculty of Pharmacy, University of Heliopolis for sustainable development, Egypt. Head of Professional training unit at Faculty.
	<i>30<sup>th</sup> June 2012- 31<sup>st</sup> august 2019</i>	Assistant Professor (lecturer) at the Department of pharmaceutics & Industrial Pharmacy, Faculty of Pharmacy, Suez Canal University.
	<i>August 2007 -June 2012</i>	Assistant lecturer at the Department of pharmaceutics & Industrial Pharmacy, Faculty of Pharmacy, Suez Canal University.
	<i>December 2001-Aug 2007</i>	Demonstrator at the Department of pharmaceutics & Industrial Pharmacy, Faculty of Pharmacy, Suez Canal University.

**Administrative positions**

<i>January 2021- now</i>	Head of department of Pharmaceutical sciences , Faculty of Pharmacy , Jadara University , Jordan.
<i>September 2019-2020</i>	Manager of training center (Staff members and students) Faculty of Pharmacy, Heliopolis University for sustainable development.
<i>june2014 - Sep 2015</i>	Head of training center of information technology, Suez Canal University, under supervision of information and communication technology project (ICTP) in higher education.
<i>July 2012 – august, 2014</i>	Head of E-learning center, Suez Canal University, under supervision of information and communication technology project (ICTP) in higher education.

**Teaching Experience:**

<b>Bachelor's degree students in Pharmacy program</b>	<ul style="list-style-type: none"> <li>• Participation in teaching Pharmacy orientation and physical Pharmacy course for first year students (New Regular Program) during academic year 2012-2013.</li> <li>• Participation in teaching Pharmaceutics II course for second year students during academic years 2012-2017.</li> <li>• Participation in teaching Pharmaceutics III course for third year students during the academic years 2012-2017.</li> <li>• Participation in teaching Industrial Pharmacy and Pharmaceutics IV course for fourth year students in the academic years 2012-2013 &amp; 2015-2017.</li> <li>• Participation in teaching Biopharmaceutics and Pharmacokinetics course for fifth</li> </ul>
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year students during the academic years 2012-2017.

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**Bachelor's degree  
Clinical Pharmacy  
program**

- Participation in teaching drug information course for fifth year students during the second term and summer courses in academic years 2013-2018.
  - Participation in teaching clinical Pharmacokinetics course for fifth year students in the academic years 2014-2019.
  - Participation in teaching physical pharmacy for first year students during the academic years 2012-2014, 2015-2016 & summer semesters of 2014-2018.
  - Participation in teaching pharmaceutical technology and Basic pharmacokinetics courses for third year students during the academic years 2012-2017.
  - Participation in teaching Clinical Pharmacy course for fourth year students during the academic years 2012-2013 & 2015-2016.
  - Participation in teaching Biophysics course (5 h) for first year students during the academic year 2014-2015.
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**Other Universities**

- Teaching all Pharmaceutical technology and Dosage form courses at Faculty of Pharmacy, Jadara University , Jordan.
  - Teaching Pharmaceutics III course (30 h) for Pharmacy students, Faculty of Pharmacy, **Heliopolis University for sustainable development** (fall, 2014- now) (part-time and full -time).
  - Teaching Physical Pharmacy course (30 h) for Pharmacy students, Faculty of Pharmacy, **Heliopolis University for sustainable development** (spring, 2018) (part-time ).
  - Teaching Pharmacy legislation and research methodology courses (30 h) for Pharmacy students, Faculty of Pharmacy, **Heliopolis University for sustainable development** (spring 2014-2018) (part-time ).
  - Teaching New drug delivery systems and Biopharmaceutics and Pharmacokinetics course (30 h) for Pharmacy students, Faculty of Pharmacy, **Heliopolis University for sustainable development** (summer, 2018, 2019) (part-time ).
  - Teaching Physical Pharmacy course (30 h) for Pharmacy students, Faculty of Pharmacy, **Sinai University** (spring and summer, 2018) (part-time ).
  - Teaching Pharmaceutics IV course (30 h) for Pharmacy students, Faculty of Pharmacy, **Sinai University** (spring and summer, 2018) (part-time ).
  - Teaching Hospital Pharmacy practice course (30 h) for Pharmacy students, Faculty
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	<p>of Pharmacy, <b>Sinai University</b> (summer, 2014) (part-time ).</p> <ul style="list-style-type: none"> <li>Teaching Pharmaceutical technology and clinical pharmacy courses (30 h) for Pharmacy students, Faculty of Pharmacy, <b>Nahda University</b> (summer, 2017 and 2018) (part-time ).</li> </ul>
<b>Postgraduate Pharm D Program</b>	<ul style="list-style-type: none"> <li>Participation in teaching <i>Principles of Pharmaceutical Care and Biometrics</i> (45 h) during the academic years 2015-2016 [PI] and 2016-2017 (15 h).</li> <li>Participation in teaching <i>Drug Information</i> (15 h) course during the academic year 2015-2016.</li> <li>Teaching Hospital Pharmacy course during the academic years 2015-2020 .</li> <li>Teaching clinical Pharmacokinetics course during the academic years 2015-2020 .</li> </ul>
<b>PhD students</b>	<ul style="list-style-type: none"> <li>Participation in teaching advanced drug delivery systems course (10 h) during the academic year 2016-2017.</li> <li>Participation in teaching GMP course (10 h) during the academic years 2016-2019.</li> <li>Participation in teaching advanced pharmacokinetics course (12 h) during the academic year 2016-2017.</li> </ul>
<b>Master's Students</b>	<ul style="list-style-type: none"> <li>Participation in teaching physical pharmacy course (50 h) for Master students during the academic years 2015-2019.</li> <li>Participation in teaching cosmetics (50 h) for Master students during the academic years 2017-2018.</li> <li>Participation in teaching drug delivery systems course (25 h) for Master students during the academic years 2014-2016.</li> <li>Teaching dosage form stability course (50 h) for Master students during the academic year 2017-2018.</li> </ul>
<b>Participation in academic accreditation</b>	
21 <sup>st</sup> Aug 2017	Participation in a meeting for application of mission of the faculty for developing the pharmacy profession and improving the quality of the graduates, at Faculty of Pharmacy, Suez Canal University
2016-2017	Participation in renewal of the curriculum of postgraduate studies at Faculty of Pharmacy, Suez Canal University
24 <sup>th</sup> Feb- 30 <sup>th</sup> March 2014	Head of " <b>the committee for revising the faculty research plan</b> ", Faculty of Pharmacy, Suez Canal University.

September 2015- september 2019	The head of “ <b>the training unit</b> ” at the quality assurance unit, Faculty of Pharmacy, Suez Canal University.
Dec 2013 - Dec 2014	The head of the “ <b>committee for leadership and governance</b> ” at the quality assurance unit, Faculty of Pharmacy, Suez Canal University.
Sept 2012-2014	An active member of the implementation team of Continuous Improvement and Qualifying for Accreditation Project ( <b>CIQAP</b> ), Faculty of Pharmacy, Suez Canal University, Ismailia- Egypt.
Aug 2007- 2014	An active member of the implementation team of Quality Assurance and Accreditation Project ( <b>QAAP</b> ), Faculty of Pharmacy, Suez Canal University, Ismailia- Egypt.

### Publications:

Google Scholar h index = 8 ( citations = 290)

Scopus h index = 6 ( citations =150)

#### Publications:

1. Al-Thamarani S, **Gardouh A.** Enhanced oral bioavailability and gastroprotective effect of ibuprofen through mixed polymer-lipid nanoparticles. Ther Deliv. 2021 Apr 14. doi: 10.4155/tde-2020-0125. Epub ahead of print. PMID: 33849297.
2. Aiman A. Shoiab, **Ahmed R. Gardouh.** The Nephroprotective Effect of Zizphus Jujuba Extract Against 5-Flurouracil- Induced Nephropathy. Al-Kitab Journal for Pure Sciences 2020, Volume 4, Issue 2, Pages 59-70
3. **Ahmed R. Gardouh,** Ahmed M.Nasef , Yasser Mostafa , Shadeed Gad. Emulsifying Drug Delivery System: A Novel Approach for Oral Delivery of Poorly Water Soluble Drugs. Records of Pharmaceutical and Biomedical Sciences, 2021; 5(Pharmacology-Pharmaceutics): 52-58. doi: 10.21608/rpbs.2021.52929.1086
4. **Gardouh, A.,** Srag El-Din, A., Moustafa, Y., Gad, S. Formulation factors of starch-based nanosystems preparation and their pharmaceutical application. Records of Pharmaceutical and Biomedical Sciences, 2021; 5(Pharmacology-Pharmaceutics): 28-39. doi: 10.21608/rpbs.2020.51097.1080.
5. Salem, S., **gardouh, A.,** Gad, S. C:Parameter Optimization of Solid Lipid Nanoparticles Formulation. Records of Pharmaceutical and Biomedical Sciences, 2020; 4(2): 1-7. doi: 10.21608/rpbs.2020.23041.1050
6. **Ahmed R.Gardouh,** Tassneim M.Ewedah, Fathy I.Abd-Allah, Mamdouh M.Ghorab, Mervat M.Omran, Hossam S.El-Sawy. Enhanced efficacy, cellular uptake, and antiangiogenic activity of the optimized imatinib mesylate-loaded proniosomal-derived nanovesicles. Journal of Drug Delivery Science and Technology Volume 61, February 2021, 102267, <https://doi.org/10.1016/j.jddst.2020.102267>.
7. A. Attia, M.; Enan, E.T.; Hashish, A.A.; M. H. El-kannishy, S.; **Gardouh, A.R.;** K. Tawfik, M.; Faisal, S.; El-Mistekawy, A.; Salama, A.; Alomar, S.Y.; H. Eltrawy, A.; Yagub Aloyouni, S.; Zaitone, S.A. Chemopreventive Effect of 5-Flurouracil Polymeric Hybrid PLGA-Lecithin Nanoparticles against Colon Dysplasia Model in Mice and Impact on p53 Apoptosis. Biomolecules 2021, 11, 109. <https://doi.org/10.3390/biom11010109>
8. **Ahmed R. Gardouh,** Ahmed M. Nasef, Yasser Mostafa, Shadeed Gad, Design and evaluation of combined atorvastatin and ezetimibe optimized self- nano emulsifying drug delivery system, Journal of Drug Delivery Science and Technology Volume 60, 2020, <https://doi.org/10.1016/j.jddst.2020.102093>.
9. **GARDOUH A,** GAMAL A, GAD S. Formulation and pharmacokinetic evaluation of rifampicin solid lipid nanoparticles. J.Res.Pharm. 2020; 24(4): 539-551. <http://dx.doi.org/10.35333/jrp.2020.202>.

10. **Ahmed R. Gardouh** ,Mohammed A. Attia ,Eman T. Enan ,Alaelddeen M. Elbahaie ,Rania A. Fouad ,Mohamed El-Shafey ,Amal M. Youssef ,Suliman Y. Alomar ,Zinab Abd-Elhady Ali ,Sawsan A. Zaitone andMona K.E. Qushawy. Synthesis and Antitumor Activity of Doxycycline Polymeric Nanoparticles: Effect on Tumor Apoptosis in Solid Ehrlich Carcinoma .Molecules **2020**, 25(14), 3230; <https://doi.org/10.3390/molecules25143230>.
11. Mahmoud Mostafa, **Ahmed R. Gardouh**, Noha M. Abogresha, Shadeed Gad, Factorial design, formulation, in vitro and in vivo evaluation of rapid orally disintegrating tablets prepared by sublimation technique using captopril as a model drug, Journal of Drug Delivery Science and Technology, Volume 57 <https://doi.org/10.1016/j.jddst.2020.101635>.
12. Ghourab, N., **gardouh, A.**, Gad, S., Moustafa, Y. Nanosponge as a drug delivery system. Records of Pharmaceutical and Biomedical Sciences, 2020; 4(1): 17-31. doi: 10.21608/rpbs.2019.17076.1041.
13. **Ahmed Gardouh**, Sherif Shaker, Zainab Zakaria Ali and Mamdouh Ghorab, "Silymarin spray dried liposomes: preparation, characterization and cytotoxic evaluation", Drug Delivery Letters (2020) 10: 1. <https://doi.org/10.2174/2210303109666190722114211>.
14. **Gardouh A**, Abou-Taleb H and Solyman S: Preparation, characterization and evaluation of antifungal activity of clotrimazole nanostructured lipid carriers. Int J Pharm Sci & Res 2019; 10(10): 1000-08. doi: 10.13040/IJPSR.0975-8232.10(10).1000-08.
15. **Gardouh A**, Khafagy E, Elkady M. Preparation of self –focculated solid lipid nanoparticles. J Res Pharm. 2019; 23(4): 1-10.
16. **GARDOUH, A.**, S. H. Faheim, and S. M. Solyman. "Design, Optimization And In Vitro Evaluation of Antifungal Activity Of Nanostructured Lipid Carriers Of Tolnaftate". International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 11, no. 7, May 2019, pp. 109-15, doi:10.22159/ijpps.2019v11i7.33115.
17. faheim, S., **gardouh, A.**, nouh, A., ghorab, M. Review article on nanoemulsions and nanostructured lipid carriers. Records of Pharmaceutical and Biomedical Sciences, 2018; 2(2): 23-31. doi: 10.21608/rpbs.2018.5223.1011.
18. **Ahmed R. Gardouh**, Bassant M. Barakat, Mona K.E. Qushawy, Amany Y. El-kazzaz,Manal M. Sami, Sawsan A. Zaitone. Antitumor activity of a molecularly imprinted nanopreparation of 5-fluorouracil against Ehrlich carcinoma solid tumors grown in mice: Comparison to free 5-fluorouracil. Chemo-Biological Interactions Volume 295, November 2018, Pages 52-63. DOI: 10.1016/j.cbi.2018.04.019.
19. **Ahmed R. Gardouh**, Samar H. Faheim, Ahmed T. Nouh, Mamdouh M. Ghorab (2018). Influence Of Formulation Factors On The Size Of Nanostructured Lipid Carriers And Nanoemulsions Prepared By High Shear Homogenization. International Journal of Pharmacy and Pharmaceutical Sciences 10(4), 61-75. DOI: <http://dx.doi.org/10.22159/ijpps.2018v10i4.23142>.
20. Ahmed Mohammed Nasef, **Ahmed Rifaat Gardouh**, Mamdouh Moustafa Ghorab (2017). Formulation and in-vitro evaluation of pantoprazole loaded pH-sensitive polymeric nanoparticles. Future Journal of Pharmaceutical Sciences, 3, (2017) 103-117. <https://doi.org/10.1016/j.fjps.2017.04.004>.
21. Sherif Shaker, **Ahmed Rifaat Gardouh** and Mamdouh Mostafa Ghorab (2017). Factors affecting liposomes particle size prepared by ethanol injection Method. Research in Pharmaceutical Sciences, 12(5): 346-352. doi: 10.4103/1735-5362.213979.
22. Ali Nasr, **Ahmed Gardouh** and Mamdouh Ghorab (2016). Novel Solid Self-Nanoemulsifying Drug Delivery System (S-SNEDDS) for Oral Delivery of Olmesartan Medoxomil: Design, Formulation, Pharmacokinetic and Bioavailability Evaluation. Pharmaceutics ,8, 20. DOI:10.3390/pharmaceutics8030020.
23. Ali M. Nasr, **Ahmed R. Gardouh**, Hassan M. Ghonaim and Mamdouh M. Ghorab (2016). Design, formulation and in-vitro characterization of Irbesartan solid self-nanoemulsifying drug delivery system (S-SNEDDS) prepared using spray drying technique. Journal of Chemical and Pharmaceutical Research, 8(2):159-183.
24. Ali Nasr, **Ahmed Gardouh**, Hassan Ghonaim, Elsayed Abdelghany, Mamdouh Ghorab (2016). Effect of Oils, Surfactants and Cosurfactants On Phase Behavior And Physicochemical Properties of Self-Nanoemulsifying Drug Delivery System (Snedds) For Irbesartan And Olmesartan. Int J App Pharm, Vol 8,

Issue 1,13-24.

25. Mamdouh Ghorab, **Ahmad Gardouh**, Shadeed Gad. Effect of viscosity, method of preparation and homogenization speed on Physical Characteristics of Solid Lipid Nanoparticles. International Journal of Pharmacy and Pharmaceutical Sciences. Vol 7, Issue 3, 2015.
26. Ahmed M. Nasef, **Ahmed R. Gardouh** and Mamdouh M. Ghorab (2015). Polymeric nanoparticles: influence of polymer, surfactant and composition of manufacturing vehicle on particle size. World J Pharm Sci; 3(12): 2308-2322.
27. Ramy B. Gales, Hassan M. Ghonaim, **Ahmed R. Gardouh**, Mamdouh M. Ghorab and Sabry S. Badawy (2014). Preparation and Characterization of Polymeric Mucoadhesive Film for Buccal Administration. British Journal of Pharmaceutical Research .476-453 :(4) . DOI: 10.9734/BJPR/2014/5399.
28. **A. R. Gardouh**, (2013). Preparation and Characterization of Mucoadhesive Buccal Film for Delivery of Meloxicam. British Journal of Pharmaceutical Research 3(4): 743-766 .DOI: 10.9734/BJPR/2013/4288.
29. **A. R. Gardouh** , Shadeed Gad, Hassan M. Ghonaim and Mamdouh M. Ghorab. Design and Characterization of Glyceryl monostearate Solid Lipid Nanoparticles by High Shear Homogenization” British Journal of Pharmaceutical Research 3(3): 326-346, 2013.
30. **A. R. Gardouh** , Shadeed Gad, Mamdouh M. Ghorab. preparation and characterization of solid lipid micro/nanoparticles i. Effect of lipid concentration, surfactant type and concentration on physical characteristics of solid lipid Micro/Nanoparticles” Zagazig J. Pharm. Sci., June, 2010Vol. - , No. 2, pp, 10-15.
31. **Ahmed R. Gardouh**, Mamdouh M.Ghorab, H.A.Syaed. preparation and evaluation of sustained-release microcapsules of fluoxetine hydrochloride” zagazig j. Pharm. Sci., June 2006 vol. 15, no. 1, pp. 37-45.

#### Research students supervised (theses supervision)

<i>PhD students</i>	4
<i>Master students</i>	12

#### ⑪ Editorial boards

Al-Kitab Journal of pure sciences

#### Referees

**Prof. Yasser Mohamed Ahmed Moustafa**

Professor of Pharmacology & Toxicology,

Dean, Faculty of Pharmacy, Suez Canal University,

Ismailia 41522, Egypt

[Yasser\\_mostafa@pharm.suez.edu.eg](mailto:Yasser_mostafa@pharm.suez.edu.eg)

**Prof. Hashem Abd-Alhaleem Hassaneen**

Professor of Pharmacognosy

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