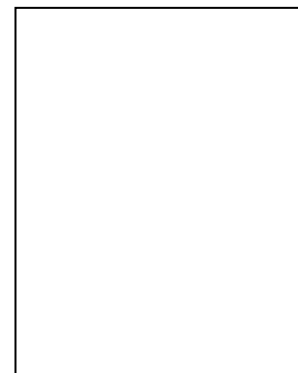




Curriculum Vitae



I- Personal information:

1) Full Name:	▪ Sara Mahmoud Hassan Soliman
2) Title:	▪ Associate Professor
3) Nationality:	▪ Egyptian
4) Date of birth:	▪ 30/09/1981
5) Place of birth:	▪ Cairo
6) Marital status:	▪ Married
7) Address:	▪ Faculty of Pharmacy, October 6 University
8) E-Mail:	▪ sara.soliman@o6u.edu.eg
9) H-Index (according to Scopus):	▪ 6
10) Website:	▪ https://scholar.google.com/citations?user=P_jhaJkAAAAJ&hl=en
11) ORCID:	▪ https://orcid.org/0000-0003-3143-5894
12) Scopus author ID:	▪ Sara M. Soliman

II- Education:

- Doctor of philosophy degree (PhD) in Pharmaceutical Sciences, Pharmaceutics and Industrial Pharmacy department, Faculty of Pharmacy, Cairo University, Cairo, Egypt, 2015. Thesis titled as “Formulation of nanocarrier systems for transdermal drug delivery”.
- Master’s degree of Pharmaceutical Sciences, Pharmaceutics and Industrial Pharmacy department, Faculty of Pharmacy, Cairo University, Cairo, Egypt, 2010. Thesis titled as “A pharmaceutical study on celecoxib topical drug delivery”.
- Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, October 6 University, Giza, Egypt, class 2003, graded “Excellent with honor”.



III- Professional occupations:

Associate Professor of Pharmaceutics and Industrial pharmacy in the Faculty of Pharmacy, October 6 University. (2022–Present)

Lecturer of Pharmaceutics and Industrial pharmacy in the Faculty of Pharmacy, October 6 University (2015–2022).

Assistant lecturer of Pharmaceutics and Industrial pharmacy in the Faculty of Pharmacy, October 6 University (2010–2015).

Demonstrator of Pharmaceutics and Industrial pharmacy in the Faculty of Pharmacy, October 6 University (2003–2010).

IV- Experience:

a) Teaching experience:

- Theoretical and practical teaching of the following courses for the undergraduates in the Faculty of Pharmacy, October 6 University:
- Physical Pharmacy.
- Pharmaceutics I.
- Pharmaceutics II.
- Pharmaceutics III.
- Pharmaceutics IV.
- Preformulation and Stability Study.
- Biopharmaceutics and Pharmacokinetics.
- Clinical Pharmacokinetics.
- Cosmetics.
- Pharmaceutical Quality Control.

b) Research experience and list of publications:

1. Soliman S.M., Abd El-Malak N.S., El-Gazayerly O.N., Abdel Rehim, A.A. Formulation of microemulsion gel systems for transdermal delivery of celecoxib: in-vitro permeation, anti-inflammatory activity and skin irritation tests. *Drug Discoveries & Therapeutics*. 2010, 4(6): 459-471.
2. Soliman S.M., Abd El-Malak N.S., El-Gazayerly O.N., Abdel Rehim, A.A. Preparation of celecoxib solid dispersions for dermal application: in vitro characterization and skin irritation test. *Journal of Drug Delivery Science and Technology*. 2011, 21(6): 509-516.
3. Soliman S.M., Abd El-Malak N.S., El-Gazayerly O.N., Abdelaziz, N. Novel non-ionic surfactant proniosomes for transdermal delivery of lacidipine: Optimization using 23 factorial design and in vivo evaluation in rabbits. *Drug Delivery*. 2016, 23(5): 1608-1622.
4. Soliman S.M., Sheta N.M., Ibrahim B.M.M., El-Shawwa M.M., Abd El-Halim S.M. Novel intranasal drug delivery: Geraniol charged polymeric mixed micelles for targeting cerebral insult as a result of Ischaemia/Reperfusion. *Pharmaceutics*. 2020, 12(76): 1-22.
5. Abd El-Halim S.M., Mamdouh M.A., El-Haddad A.E., Soliman S.M. Fabrication of anti-HSV-1 curcumin stabilized nanostructured proniosomal gel: Molecular docking studies on thymidine kinase proteins. *Scientia Pharmaceutica*. 2020, 88(9): 1-16.
6. Abd El-Halim, S.M., Mamdouh M.A., Eid S.M., Labib D.A.A., Soliman S.M. The potential synergistic activity of zolmitriptan combined in new self-nanoemulsifying drug delivery systems: ATR-FTIR real-time fast dissolution monitoring and pharmacodynamic assessment. *International Journal of Nanomedicine*. 2021, 16: 6395–6412.



7. Abuelella K.E., Abd-Allah H., Soliman S.M., Abdel-Mottaleb M.M.A. Polysaccharide Based Biomaterials for Dermal Applications. *Functional Biomaterials: Drug Delivery and Biomedical Applications*, 2022, 105–127.
8. Soliman, S.M., Mosallam S., Mamdouh M.A., Hussein M. A., Abd El-Halim S.M. Design and optimization of cranberry extract loaded bile salt augmented liposomes for targeting of MCP-1/STAT3/VEGF signaling pathway in DMN-intoxicated liver in rats. *Drug Delivery*. 2022, 29(1): 427-439.
9. Rashwan K.O., Abdelbary G.A., El-Nabarawi M.A., Abd El Gawad N.A., Soliman S.M. Fabrication of topical baclofen loaded emulgel: characterization, optimization using 23 full factorial design and in vivo anti-inflammatory activity. *Bulletin of Pharmaceutical Sciences. Assiut*. 2022, 45(1): 41–52.
10. Abuelella K.E., Abd-Allah H., Soliman S.M., Abdel-Mottaleb M.M.A. Chitosan based polyelectrolyte complex nanoparticles: preparation and characterization. *Bulletin of Pharmaceutical Sciences. Assiut*. 2022, 45(1): 53–62.
11. Soliman, S.M., Rashwan, K.O., Teaima, M., Jasti B.R., El-Nabarawi, M.A., Abdel-Haleem, K.M. Transethosomes as breakthrough tool for controlled transdermal delivery of dexketoprofen trometamol: design, fabrication, statistical optimization, in vitro, and ex vivo characterization. *International Journal of Applied Pharmaceutics*. 2022, 14(6): 51–57.
12. Aggour R.L., Soliman O., Shaker O., Soliman S.M., Abdelwhab A. Mucin1 expression and gustatory function in postmenopausal females: A case-control observational study. *Journal of Clinical and Experimental Dentistry*. 2022, 14(11): e890–e896.
13. Soliman, S.M., Rashwan, K.O., Teaima, M., Jasti B.R., El-Nabarawi, M.A., Abd El-Halim S.M. The deleterious effect of xylene-induced ear edema in rats: Protective role of dexketoprofen trometamol transdermal invasomes via inhibiting the oxidative stress/NF- κ B/COX-2 pathway. *International Journal of Pharmaceutics*. 2023, 631, 122525.
14. Abuelella K.E., Abd-Allah H., Soliman S.M., Abdel-Mottaleb M.M.A. Skin targeting by chitosan/hyaluronate hybrid nanoparticles for the management of irritant contact dermatitis: In vivo therapeutic efficiency in mouse-ear dermatitis model. *International Journal of Biological Macromolecules*. 2023, 232, 123458.

c) Training and Attendance of conferences :

- Quality by design, (QbD), a new concept of FDA, Faculty of pharmacy, Cairo University, held on September 9, 2012.
- Introduction to credit hours and academic guidance, held on February 28th, 2015, Quality assurance, and accreditation center, October 6 University.
- National Academic Reference Standards (NARS 2017), held on 02/06/2021 at the Faculty of Pharmacy, October 6 University.
- Writing effective exam questions: Learning domains and construction of valid and reliable exams. Optimize your questions and write an effective exam, accredited by the Faculty of Pharmacy, October 6 University, held on April 16th, 2018.
- How to benefit from exams' results analysis, accredited by the Faculty of Pharmacy, October 6 University, held on 16/11/2020.
- Microsoft Kaizala application, held on 17&30/11/2020 at the Faculty of Pharmacy, October 6 University.



- Scientific research based on scientific indicators to improve your personal ranking, held on 23/12/2020 & 10/01/2021 at the Faculty of Pharmacy, October 6 University.
- Online zoom meeting for staff members of Faculty of Pharmacy, October 6 University, titled “Microsoft Team as a good tool for interactive learning”, held on 18/01/2021.
- Development of the skills and abilities of the faculty members, held on 16-20/03/2012 at the Faculty of Pharmacy, October 6 University and accredited by October 6 University and Helwan University.
- Learning outcomes and curriculum maps for higher education institutions, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 06/12/2012 to 10/12/2012.
- Teaching methods, accredited by Quality assurance and accreditation center, O6U, held on March 2013.
- International Computer Driving License (ICDL), all modules, accredited by United Nations Educational, Scientific, and Cultural Organization and the Ministry of Communications and Information Technology, held by Computer Center Faculty of Pharmacy, Cairo University on 28/01/2015.
- Teaching strategies and effective learning, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 16/11/2015 to 17/11/2015.
- Exams’ systems and students’ assessment methods, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 09/05/2016 to 10/05/2016.
- Education programs and courses specifications and evaluation of learning outcomes for higher education institutes, accredited by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), held from 27/09/2016 to 29/09/2016.
- Essential of integrated education, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held from 23/06/2021 to 24/06/2021.
- International publishing of scientific research, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held from 23/06/2021 to 24/06/2021.
- Preparing of a university staff member, accredited by Training and Continuing Center, held from 11/07/2021 to 13/07/2021.
- Fundamentals of Digital Transformation Certificate (FDTC), Modules: Word Processing, Presentations, and Mobile Applications, accredited by Center of Knowledge and e-Services, Supreme Council of Universities, July 2021.
- Exams and students’ evaluation systems, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held from 09/10/2021 to 10/10/2021.
- Decision making and problem solving, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held from 13/10/2021 to 14/10/2021.
- Critical thinking, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held from 13/10/2021 to 14/10/2021.
- 36th IVPN-AR titled: “Parenteral Nutrition Role in Pediatrics and Neonates”, accredited by IVPN Network, held on November 15th, 2021.
- Poster presentation title: “Preparation and Evaluation of Celecoxib

	<p>Microemulsion Formulations”: 2nd Scientific Conference of Faculty of Pharmacy, Cairo University, April 26th, 2010.</p> <ul style="list-style-type: none"> • Poster presentation title: “Novel Non Ionic- Surfactant Proniosomes for Transdermal Delivery: Formulation, Optimization Using 2³ Factorial Design and In-Vivo Evaluation in Rabbits”: 6th International Scientific Conference of Faculty of Pharmacy, Cairo University, April 25th-26th, 2015.
<p>V- Awards:</p>	<ul style="list-style-type: none"> ▪
<p>VI- Memberships in the committee:</p>	<ul style="list-style-type: none"> ▪
<p>VII- Other activities:</p>	<ul style="list-style-type: none"> • Curriculum development of the theoretical and practical part of pharmaceutics (2) and preformulation & stability study courses since 2015 in the Faculty of Pharmacy, October 6 University by integration of recently published research and review articles. • Participating in students’ activities and projects in the Faculty of Pharmacy, October 6 University. • Member of Quality Assurance Unit in the Faculty of Pharmacy, October 6 University since 2020 to present. • Participating in the accreditation of the Faculty of Pharmacy, October 6 University by National Authority for Quality Assurance and Accreditation of Education (NAQAAE) in 2013 and the reaccreditation in 2018. • Participating in the internal auditing and reporting committee in the Faculty of Pharmacy, October 6 University. • Co-development of the college's strategic plan and its executive plan as well as the self-study of the Faculty of Pharmacy, October 6 University. • Updating the credit hour program of the Faculty of Pharmacy, October 6 University in accordance with the competency based National Academic Reference Standards (NARS 2017). • Co-development of the Pharm-D and Pharm-D clinical programs’ specifications in the Faculty of Pharmacy, October 6 University in accordance with the competency based National Academic Reference Standards (NARS 2017). • Participating in the development of field training program in the Faculty of Pharmacy, October 6 University. • Reviewing the pharmaceutics and industrial pharmacy master’s degree program specifications of the Faculty of Pharmacy, October 6 University and making the necessary modifications.