

Name	Dr. Tamer Mohamed Shehata		
Specialization	Pharmaceutics and Industrial Pharmacy		
Current Position	Associate Professor, Department of Pharmaceutical Sciences, College of Clinical Pharmacy		
Contact email (Official)	tshehata@kfu.edu.sa	Mobile :	0564787190
Alternate email	tamershehataa@yahoo.com	IP Phone :	013-5899904



Academic Qualifications

Degree/year/university/country	Ph.D. 2009, Graduate school of Medicine, Dentistry and Pharmaceutical Science, Okayama University, JAPAN
Degree/year/university/country	Master of Pharmacy , 2004, Master of Pharmaceutical Sciences (Pharmaceutics), Faculty of Pharmacy, Zagazig University, EGYPT
Degree/year/university/country	Bachelor of Pharmacy , 1999, Faculty of Pharmacy, Zagazig University, EGYPT

Academic Experience

- **1999-2004.** Demonstrator of Pharmaceutics and Industrial Pharmacy. Faculty of Pharmacy, Zagazig University, EGYPT.
- **2004- 2009.** Assistant Lecturer Pharmaceutics and Industrial Pharmacy. Faculty of Pharmacy, Zagazig University, EGYPT.
- **2007- 2009** Teaching Assistant of Pharmaceutics. Faculty of Pharmacy, Okayama University, JAPAN.
- **2009-2010.** Assistant professor (Part time) Pharmaceutics and Industrial Pharmacy. Faculty of Pharmacy. Misr International University (MIU), EGYPT
- **2010-2011.** Assistant professor (Part time) Pharmaceutics and Industrial Pharmacy. Faculty of Pharmacy. Egyptian Russian University (ERU), EGYPT
- **2010 (October).** Visiting Professor, Faculty of Pharmacy, Libya Medical University, Bani Ghazi- Libya
- **2012-2015.** Assistant professor of Pharmaceutics and Industrial Pharmacy. COCP, KFU. KSA.
- **2015- 2022.** Associate Professor of Pharmaceutics and Industrial Pharmacy. COCP, KFU. KSA.
- **2022- Now.** AProfessor of Pharmaceutics and Industrial Pharmacy. COCP, KFU. KSA.

<p style="text-align: center;">All the Courses Taught and Teaching in KFU with Course number</p>	<ul style="list-style-type: none"> ➤ 2003561 : Pharmacy Law and Ethics ➤ 2010314 : Biopharmaceutics ➤ 2010322: Industrial Pharmacy ➤ 2030425: Pharm D. Seminar ➤ 2030422: Pharmacy Management ➤ 2030323: Institutional Pharmacy Practice ➤ 1900112: Drugs, Classes and Uses
<p style="text-align: center;">Research Interests</p>	<ul style="list-style-type: none"> ➤ Formulation and evaluation of different pharmaceutical dosage forms. ➤ Bioavailability and Pharmacokinetics analysis ➤ Target Drug Delivery designs and evaluation ➤ Animal Handling Experience (Rat and Mice) ➤ Cell line handling and Tumor inculcation into BALB C mice (C26 cell line) ➤ HPLC, Gel Electrophoresis, Western Plot, Biotechnological tools for protein analysis, Radioisotope.
<p style="text-align: center;">Publications (Latest 20 publications)</p>	<ol style="list-style-type: none"> 1. Design, synthesis and cytotoxic evaluation of 2-amino-4-aryl-6-substituted pyridine-3, 5-dicarbonitrile derivatives. Amr S Abu Lila, Marwa H Abdallah, El-Sayed Khafagy, Tamer M Shehata, Mahmoud S Soliman, Kareem M Younes, Mohamed Omran, Shadeed Gad. Tropical Journal of Pharmaceutical Research. 2021; 20 (10): 2127-2133. 2. Geraniol Averts Methotrexate-Induced Acute Kidney Injury via Keap1/Nrf2/HO-1 and MAPK/NF-κB Pathways. NS Younis, HS Elsewedy, Tamer M Shehata, ME Mohamed. Current Issues in Molecular Biology 43 (3), 1741-1755. 3. Enhancement of Anti-Inflammatory Activity of Optimized Niosomal Colchicine Loaded into Jojoba Oil-Based Emulgel Using Response Surface Methodology. Elsewedy HS, Younis NS, Tamer M Shehata, Mohamed ME, Soliman WE. Gels. 2022; 8(1):16. 4. Development and Optimization of Nigella sativa Nanoemulsion Loaded with Pioglitazone for Hypoglycemic Effect, TM Shehata, MM Almostafa, HS Elsewedy. Polymers 14 (15), 3021, 2022. 5. Tea Tree Oil Nanoemulsion-Based Hydrogel Vehicle for Enhancing Topical Delivery of Neomycin. HS Elsewedy, TM Shehata, WE Soliman. Life 12 (7), 1011-1021, 2022. 6. Hypolipidemic Activity of Olive Oil-Based Nanostructured Lipid Carrier Containing Atorvastatin. HS Elsewedy, TM Shehata, MM Almostafa, WE Soliman. Nanomaterials 12 (13), 2160, 2022. 7. Shea Butter Potentiates the Anti-Bacterial Activity of Fusidic Acid Incorporated into Solid Lipid Nanoparticle. HS Elsewedy, TM

-
- Shehata, WE Soliman.** Polymers 14 (12), 2436, 1, 2022.
8. Paclitaxel and Myrrh oil Combination Therapy for Enhancement of Cytotoxicity against Breast Cancer; QbD Approach. **TM Shehata, HS Elsewedy,** Processes 10 (5), 907–920, 2022.
 9. Significant of injectable brucine PEGylated niosomes in treatment of MDA cancer cells. M Haroun, HS Elsewedy, **TM Shehata, C Tratratt, BE Al Dhubiab.** Journal of Drug Delivery Science and Technology 71, 103322–103332, 2022.
 10. Development, Characterization and Optimization of the Anti-Inflammatory Influence of Meloxicam Loaded into a Eucalyptus Oil-Based Nanoemulgel. **TM Shehata, HM Elnahas, HS Elsewedy.** Gels 8 (5), 26, 7, 2022.
 11. Novel Formulation of Fusidic Acid Incorporated into a Myrrh-Oil-Based Nanoemulgel for the Enhancement of Skin Bacterial Infection Treatment. MM Almostafa, HS Elsewedy, **TM Shehata, WE Soliman.** Gels 8 (4), 245–254, 2022.
 12. In vivo distribution characteristics and anti-tumor effects of doxorubicin encapsulated in PEG-modified niosomes in solid tumor-bearing mice. **Tamer Shehata, Yusuke Kon, Kazutaka Higaki, Toshikiro Kimura, and Ken-ichi Ogawara.** JDDST 104122. 2023.
 13. Date Palm Extract (*Phoenix dactylifera*) Encapsulated into Palm Oil Nanolipid Carrier for Prospective Antibacterial Influence. Heba S. Elsewedy, **Tamer M. Shehata, Nashi K. Alqahtani, Hany Ezzat Khalil and Wafaa E. Soliman.** Plants 2023, 12, 3670. <https://doi.org/10.3390/plants12213670>
-

National and International Conferences

Presentations and Abstracts

1. Tamer.M.Shehata,O.A.Sammour, M.E.Abu-Selem, and F.s.Ghazy. Participated in APSTJ Global education seminar west, 2005, Kobe. Japan
 2. Participate in DDS conference in 2006, Tokyo. Japan (Formulation and Evaluation of Liposomes Coated with Mixture of Hydrophilic Polymers) Tamer Shehata, Ken-ichi Ogawara, Kazutaka Higaki and Toshikiro Kimura
 3. Participated in APSTJ conference in 2007, Tokyo. Japan (Hepatic disposition characteristics of Liposomes Coated with Mixture of hydrophilic polymers) Tamer Shehata, Ken-ichi Ogawara, Kazutaka Higaki and Toshikiro Kimura
 4. Participated in Okayama University meeting for Proteomic handling researcher in 2008, Okayama. Japan
 5. Participated in EJSST conference in 2008, Tokyo. Japan (Prolongation of residence time of liposome by surface-modification with mixture of hydrophilic polymers) Tamer Shehata, Ken-ichi Ogawara, Kazutaka Higaki and Toshikiro Kimura
 6. Participated in DDS conference in 2008, Tokyo. Japan (Formulation and Evaluation of PEGylated Niosomes for Targeted Drug Delivery) Tamer Shehata, Ken-ichi Ogawara, Kazutaka Higaki and Toshikiro Kimura
 7. Attending in APSTJ Global education seminar west, 2008, Kyoto. Japan
 8. Participated in Assuit University Pharmaceutical conference, 2010, Egypt.
 9. Attending 32nd International conference of Egyptian Pharmaceutical Society, 2011, Egypt.
 10. FUE international Conference, 2012, EGYPT
-

-
11. 1st Saudi Quality Forum, Riyadh, 2013, Saudi Arabia.
 12. Participated 29th conference of Saudi Biological Society, FEB.25-27-,2014 In Dammam, KSA
 13. Participated 30th conference of Saudi Biological Society, April .9-1-,2015 In Tabouk, KSA
 14. Mashaeel El Dosaree, Alaa El Shehree, Heba S. Elsewedy, **Tamer M. Shehata**, Mohamed A. Khedr, Maged E. Mohamed. Enhancement of 2, 4-dichlorophenoxyacetic acid solubility via solid dispersion technique. Poster presentation, Gulf Cooperation Council (GCC-2015) , Dubai, UAE.
 15. Alaa El Shehree, Mashaeel El Dosaree, Heba S. Elsewedy, **Tamer M. Shehata**, Mohamed A. Khedr, Maged E. Mohamed. Enhancement of 2, 4-dichlorophenoxyacetic acid solubility via solid dispersion technique. Poster presentation, DUPHAT, 2016, at Dubai, UAE.
 16. Hajar A. Alzarrah, Sulafa A. Alsahlawi, Heba S. Elsewedy, **Tamer M. Shehata**. Innovative technology for Lorateden mucoadhesive microparticles preparation utilizing BÜCHI Nano spray dryer B-90. Oral and poster presentation, Duphat, 2017.
 17. Muneera A Alaidan, Maryam A Al Naim, Heba S Elsewedy, **Tamer M. Shehata**. Novel Formulation of Curcumin as Nanoemulgel for Wound Healing. Oral and poster presentation, Duphat, 2017.
 18. Anwar Al-Haddad, Batoul Al-Omar, Heba S Elsewedy, **Tamer M. Shehata**. Importance of Degassing Process during Dissolution Study with Fully Automated Fiber Optics Technology. Poster presentation, Duphat, 2017.
 19. 10th Conference of Faculty of Pharmacy, Zagazig University, Egypt 2024.
-

Memberships

- Member of the General Syndicate of Egyptian Pharmacists.
 - Previous member of Japan Society of Drug Delivery System.
 - Previous member of the Academy of Pharmaceutics Sciences and Technology, Japan
 - Member of Saudi Biological Society
-

Workshops

Workshops / Seminars attended

1. Attending workshop “The Way to Patent” 2014, KFU University.
 2. Attending workshop “MS Project”2015, KFU University.
 3. Attending training program titled “Principle of Photoshop” 2015, KFU University.
 4. Attending workshop “Course Report based on NCAAA” 2015, KFU University.
 5. Attending training program titled “Black Board” 2015, KFU University.
 6. Attending training Workshop titled “EndNote” 2016, KFU University.
 7. Attending training program titled “New direction in designing the educational situation” 2016, KFU University.
 8. Attending training program titled “Postgraduate Thesis supervision” 2016, KFU University.
 9. Attending training Workshop titled “How to use McGraw-Hill Online Resources” 2016, KFU university.
 10. Attending training program titled “Project Based Learning” 2017, KFU university.
 11. Attending workshop “Course Design” , 2017, KFU University.
-

-
12. Attending training Workshop titled "Using SPSS" 2018, KFU University.
 13. Attending training Workshop titled "E-Exams Management Skills" 2018, KFU University.
 14. Attending workshop "Motivating and Engaging Students", 2018, KFU University.
 15. Attending Seminar entitled "USP Apparatus 1-7 and Transdermal Testing" on March 26, 2018, Holiday Inn AL Qasr- Riyadh.
 16. Attending training program titled "Teaching Methods based on Modern Educational Technologies" on July 31, 2018, KFU University.
 17. Attending training program titled "Skills of Successful Assessment" on August 01, 2018, KFU University.
 18. Attending training program titled "Infusing Skills in Academic Courses Program" on August 02, 2018, KFU University.
 19. Attending training program titled "Regulations of Evaluating Scientific Researches" on April 10 and 11, 2018, KFU University
 20. Attending training program titled "Program specification and report" on Nov 24, 2018, KFU University.
 21. Attending training program titled "Preparation of Self-Study Report "SSR" on Feb 9, 2019, KFU University.
 22. Attending training program titled "Faculty members role in community Engagement system" on Feb 16, 2019, KFU University.
 23. NCAAA workshop for Medical college Education, Jeddah, Feb 2019.
-

Awards

- Egyptian President award, as one of the best-graduated student from Egyptian national Universities, Cairo, 2000.
 - The Nagai Foundation award, presented In Expectation of Much Greater Achievement in Pharmacy and Pharmaceutical Science. Tokyo, 2007.
 - The First Egypt-Japan International Symposium on Science and Technology, EJISST 2008 award. Waseda University, Japan, 2008.
 - The best poster presentation award, 29th conference of Saudi Biological Society, FEB.25-27-,2014 In Dammam, KSA
 - The 7th best Poster Quality Award in Dubai pharmaceuticals and Technologies conference and exhibition, DUPHAT 2017.
 - 5th best Pharmacy Student Quality Poster Award in Dubai pharmaceuticals and Technologies conference and exhibition, 2019
-

Reviewer for International journals (ISI)

- 1- Latin American Journal of Pharmacy.
- 2- Recent Patents on Drug Delivery & Formulation, Bentham Science Publishers.
- 3- Annual conference, Ministry of Higher Education, KSA
- 4- Journal of pharmaceutical science
- 5- Journal of Nanomedicine
- 6- Journal of current Drug Development
- 7- Journal of drug delivery science and technology