



ELBADAWY KAMOUN

ASSOCIATE RESEARCH PROFESSOR

<p>PERSONAL INFORMATION</p>	<p>Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:</p>	<p>Elbadawy Abdelaziz Aboelyazed Kamoun Advanced Technology and New Materials Research Institute Polymeric Materials Research Dep. +20-1283320302 badawykamoun@yahoo.com, e-b.kamoun@tu-bs.de https://www.researchgate.net/profile/Elbadawy_Kamoun/research</p>
<p>EDUCATION</p>	<p>Ph.D. (Dr. rer. Nat.) Macromolecular Chemistry, 2011, Macromolecular Chemistry D Faculty of Life Sciences II, Braunschweig University of Technology, Germany. M.Sc., Applied Chemistry, 2004, Applied Chemistry Dep., Faculty of Science in Cairo, Al-Azhar University, Cairo, Egypt. B.Sc. Applied Chemistry, 2001, Applied Chemistry Dep., Faculty of Science in Cairo, Al-Azhar University, Cairo, Egypt.</p>	
<p>ACTIVITIES</p>	<p>Membership of Academic Associations:</p> <ul style="list-style-type: none"> - Member of the National Committee for Pure and Applied Chemistry (2018-2021), Academy of Scientific Research-Egypt. - The Egyptian Society of Polymer Science and Technology (ESPST), Cairo, Egypt, (2015-NOW). - American Association for Science and Technology (AASCIT), USA. - Alumni of German Academic Exchange Service (DAAD-Alumni), Cairo, Egypt (2012-NOW). - Arab Society for Material Science, Alexandria, Egypt (2015-NOW). - Alumni of DIES-Pro-GRANT, University of Cologne, Germany (2017-NOW). <p>Teaching Experiences</p> <ul style="list-style-type: none"> - Higher Institute for Engineering and Technology, New Borg Al-Arab, Alexandria Egypt. Courses of “Principles of physical chemistry, Principle of Industrial Chemistry” for Undergraduates engineering students (AYs 2015/2016, 2016/2017, and 2017/2018). - Alexandria University, Faculty of Dentistry, Department of Dental Biomaterials; courses of (Polymeric dental materials, Polymeric dental scaffolds and drug delivery systems) for Master and doctoral students, AYs 2018/2019 and 2019/2020. - The British University in Egypt (BUE), Associate Research Professor at Nanotechnology Research Center (NTRC), El-Sherouk City, Cairo, Egypt, AYs 2018/2019 and 2019/2020. 	

	<p>Trainer for:</p> <ul style="list-style-type: none"> - The Concepts of Quality Management System for Calibration and Testing Laboratories" in accordance with the specification of ISO-17025-2005, and 2017, (implementation of technical and administrative procedures, Occupational safety and health in the laboratory, Good practices in chemistry labs, Determination of Uncertainty value, Biohazards in labs). - Skills of communication and Presentation - Quality control and assurance for Chemical Engineers - Skills for Analysis and Research.
<p>GRANTS & AWARDS</p>	<p>01.07-30.09.2012 Short-term postdoctoral research visit funded by German Academic Exchange Service (DAAD), Program of Bilateral Exchange for Academics (<i>WAP-2012</i>), to Braunschweig University of Technology (TU-BS), Institute for Technical Chemistry (TCI), Macromolecular Chemistry Dep., Braunschweig, Germany.</p> <p>01.05.2013 : 30.07.2013 Short-term postdoctoral research visit funded by Egyptian Ministry of Higher Education and State for Scientific Research, Program of Partnership & Ownership Initiatives (ParOwn-0911), to FUDAN University, Department of Macromolecular Sciences, Shanghai, China.</p> <p>01.06.2014 : 31.12.2014 Long-term postdoctoral research visit funded by Egyptian Ministry of Higher Education and State for Scientific Research, Program of Sector of Cultural Affairs and Missions, to Braunschweig University of Technology (TU-BS), Institute for Technical Chemistry (TCI), Macromolecular Chemistry Department, Braunschweig, Germany.</p> <p>15.06.2016 : 15.08.2016 Short-term postdoctoral research visit funded by German Academic Exchange Service (DAAD), Program of Bilateral Exchange for Academics (WAP-2016), to Braunschweig University of Technology (TU-BS), Institute for Technical Chemistry (TCI), Macromolecular Chemistry Department, Braunschweig, Germany.</p> <p>22-26 Jan 2017 and 20-24 Aug 2017 Training course for "Proposal Scientific Writing for Research Project, Evaluation and Reviewing" Program of DIES-Pro-GRANT in Tunisia organized and funded by DAAD-Germany and University of Cologne, Germany.</p>
<p>LIST OF PUBLICATIONS</p>	<ol style="list-style-type: none"> 1. Esamil M. El-Fakharany, Gadallah M. Abu-Elreesh, Elbadawy A. Kamoun, Sahar Zaki, Desouky A. Abd-EL-Haleem. In vitro assessment of the bioactivities of sericin protein extracted from a bacterial silk-like biopolymer. RSC Advances. (2020) 10, 5098. 2. Shrief El-Bassiony, Elbadawy A. Kamoun, Tarek H. Taha, Mohamed Rashed, Fathi El-Nozahy. Effect of Egyptian Attapulgitic clay on the properties of PVA-HES nanocomposite hydrogel membranes for wound dressing applications. Arab. J. for Eng. Sci. (2020). 3. Alaa M.M. El-Betany, Elbadawy A. Kamoun, Craig James, Abdulhakim Jangher, Ghaith Aljayyousi, Peter Griffiths, Neil B. McKeown Mark Gumbleton Auto-fluorescent PAMAM-based dendritic molecules and their potential application in pharmaceutical sciences. International Journal of Pharmaceutics, 579 (2020) 119187. <p>FOR MORE DETAILS, PLEASE VISIT THE FOLLOWING LIKE:</p> <p>https://www.researchgate.net/profile/Elbadawy_Kamoun/research</p>