



Sahar A. Fadlallah received her B. Sc., in chemistry from Cairo University in 1986, and M.Sc. and Ph.D. from the same university in physical chemistry in 1993 & 2003. She worked as an associated professor in chemistry department at Taif University, Kingdom of Saudi Arabia (KSA) from 2006 to 2016. During this period, she had been a deputy chairman of the same from 2009 to 2013, director for the unit of post graduate students from 2013 to 2016 in Faculty of Science at the same university, and principle investigator & co-investigator for more than 10 projects funded by Saudi Aramco company, King Fahd for mineral & petroleum university and Taif university. In 2016 she was return back to Cairo University, where she continued her work as a full professor at department of chemistry till now. In 2019 she started her work as a coordinator of biotechnology program in Faculty of Science. During her early career as a scientist, her research interest was on the application of electrochemistry to modify the metals to be safe from corrosion using surface chemistry modification and spectroscopy. Her current research interest is to apply 2&3-dimensional (2-D & 3-D) surface chemistry combined with spectroscopy and microscopy to investigate the properties of Nano structural biomaterials for medical applications. She is also interested to design and develop biosensors with high sensitivity and selectivity for diseases diagnosis. She has published refereed articles (more than 50) and reviewed chapters in peer-reviewed international journals and specific national and international conferences. She received the award of the best scientific publishing from Taif University (3 times) on 2012, 2013, 2014 and Cairo University (2 times) on 2016, 2017. Also, she is supervising for M.S. and Ph.D. students.

On the other hand, she has received many training courses in various fields related to self-development and the development of educational environment such as: concepts of total quality management, academic quality, academic women leadership, creative teaching skills, effective communication, time management, business entrepreneurship, critical thinking and finally anti-violence against women. In order to, she has been chosen as a cultural consultant for the students union, coordinator for critical thinking course for junior science students, coordinator for student's affairs in the Faculty of Science, and as member of the executive committee of the Anti-Violence against women unit at Cairo University. Also she is the principal investigator of the project of establishing a business entrepreneurship club in the Faculty of Science with the beginning of 2020, and she has a dream to achieve the integration of basic science with the humanities and social sciences to solve all the problems of society to reach a sustainable development. Finally she is a mother of four sons and grandmother of three grandchildren.