

Smaher Mosad Saad Elbayomi

Lecturer, Department of Organic Chemistry, Faculty of Science, Damietta University,
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Research Interests:

- Preparation of functional materials
- Preparation of biodegradable materials
- Gene delivery and gene therapy
- Synthesis and Application of nano-Materials
- Synthesis and characterization of stimuli-responsive polymers

B.Sc. in Chemistry, 09/2006 –05/2009, Faculty of Sciences, Mansoura University (Damietta Branch), New Damietta, Damietta, Egypt.

M.Sc. in Organic Chemistry, 05/2011 –11/2013 , Damietta University, Faculty of Science, Department of Organic Chemistry, Damietta, Egypt, Supervisor: Prof. Mohamed S. Mohy Eldin, Thesis title: "The Preparation and Characterization of Biopolymer Polyelectrolyte Hydrogel as Drug Delivery".

Ph.D. in Macromolecular Chemistry , 09/2017- 07/2021, University of Science and Technology of China, School of Chemistry and Material Science, Department of Polymer Science and Engineering, Hefei, Anhui Province, China. Supervisor: Prof. You YeZi, Thesis title: "The Development of Nonviral Vectors for Medical Applications".

Ph.D. in Macromolecular Chemistry, 10/2021-12/2021, Slovak Academy of Science, Polymer Institute, Bratislava, Slovakia. Supervisor: Dr. Jaroslav Mosnáček, Co-Supervisor: Dr. Ahmed nada, Thesis title: "Electrically conductive gels based on natural polymers and their potential applications ".

Positions and Experience:

- 10/2022 – 9/2023 Postdoctoral Fellowship, Slovak Academy of Science, Polymer Institute, Bratislava, Slovakia, assistantship with Dr. Jaroslav Mosnáček.
- 02/2022 – Presence Lecturer, Damietta University, Faculty of Science, Department of Organic Chemistry, Damietta, Egypt.
- 09/2018 - 09/2020 Lecturer, Huainan normal University, Huainan, Anhui Province, China.
- 09/2018 – 09/2019 Lecturer, Hefei normal University, Hefei, Anhui Province, China.
- 12/2013 – 02/2022 Assistant lecturer, Damietta University, Faculty of Science, Department of Organic Chemistry, Damietta, Egypt.
- 12/2009-11/2013 Demonstrator, Damietta University, Faculty of Science, Department of Organic Chemistry, Damietta, Egypt.