

Sali Al-Asmar

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Professional Summary

Dedicated and driven researcher in Supramolecular Chemistry and Self-Assembled Materials with a strong background in analytical, polymer, and pharmaceutical chemistry. Experienced research and teaching assistant with excellent communication, leadership, and problem-solving skills. Skilled in working with advanced analytical instrumentation and committed to academic excellence, scientific innovation, and interdisciplinary collaboration.

Education

- PhD Researcher in chemical science | Università di Firenze, 2025 – Present.
- M.Sc. in Chemistry, Pharmaceutical Industries | Al-Quds University, Palestine, 2022.
- B.Sc. in Industrial Chemistry | Al-Quds University, Palestine, 2018.
 - Ranked 1st in Chemistry Department and 10th in the Faculty of Science and Technology
 - Erasmus+ Exchange Student at Middle East Technical University, Turkey, 2017.

Experience

- Researcher in Supramolecular chemistry and self-assembled materials (polymer chemistry), (01/2023 – 07/2025) at University of Science and Technology of China, China.
- Visiting Researcher, Université Laval, Canada (07/2023 – 09/2023). Based on the parameters of the Palestine-Quebec Cooperation Programme, I was chosen out of 71 Palestinian academics to conduct a two-month research visit at the Université Laval in Canada. Project: “Synthesis of a series of semiconductor materials based on modified titanium and zinc oxides to make them visible-light active “Under the supervision of Prof. Safia Hamoudi”.
- Chairperson, Euro-Palestinian Youth Network – Ramallah (01/2022 – 01/2023).
- Trainee in Nanotechnology Center at Cumhuriyet University, Turkey (10/2021 – 01/2022). Trained under the Erasmus+ program, where I trained on many devices, including atomic force microscopy, Transmission electron microscopy, X-ray, semiconductor characterization system, a spectroscopic ellipsometer, thermal gravimetric analysis, and optical surface profilometry.
- Trainee, FAO/M Measurement Center, Al-Quds University, Palestine (06/2021 – 10/2021). Analyzed water, soil, and pharmaceutical samples using advanced instrumentation.
- Research and Teaching Assistant, Al-Quds University (09/2018 – 05/2021).

Core Skills

- Advanced Instrumentation: HPLC, GC-MS, FTIR, NMR, UV-Vis, CD, CPL, AFM
- Research Methods & Scientific Writing
- SPSS and Statistical Analysis
- Leadership and Teamwork
- Project Management and Planning
- Microsoft Office Suite
- Excellent Communication & Multilingual Skills
- Problem Solving and Innovation

Publications

Sali Alasmar, Mohammad Abul Haj, CCDC 2164818: Experimental Crystal Structure Determination. DOI: 10.5517/ccdc.csd.cc2bnnvj.

Certifications

- Poster Presentation: “Chiral Supramolecular Polymerization and Amplification of Cyanostilbene-based” CHEM R&D Conference, Germany – April 28-30, 2025.
- Peace First Hackathon Winner – Peace First, USA, 2020.
- Virtual Language Exchange University of California, USA, 2019.

Languages

Arabic: Native | English: Fluent | Chinese (HSK3): Intermediate | Turkish: Elementary