



## **Curriculum Vitae**

- **Name: Hossam Hamdy Nasrallah Hamd**
- **Lecturer - Chemistry Department**
- **E-mail: Hossam.hamd@su.edu.eg**

### **A) Academic Qualifications:**

- Bachelor's degree in chemistry    University: Suez Canal University    Year: 2016
- Master's degree in Inorganic and Analytical Chemistry    University: Suez Canal University  
Year: 2021
- PhD's degree in Inorganic Chemistry    University: Suez Canal University    Year: 2025

### **B) Academic promotions:**

- **Demonstrator** at Chemistry Department, Faculty of Dentistry, Sinai University, Kantara Campus (2018-2021).
- **Teaching Assistant** at Chemistry Department, Faculty of Dentistry, Sinai University, Kantara Campus (2021-2025).
- **Lecturer** at Chemistry Department, Faculty of Biotechnology, Sinai University, Kantara Campus (2025 up to).

### **C) Scientific Merit:**

- Google Scholar: <https://scholar.google.com/citations?user=0nLCE6EAAAAJ&hl=ar>
- Citations: 29                      h-index: 2
- Orcid –N: <https://orcid.org/0000-0002-3981-0217>

### **D) Scientific Activities**

#### **Training Courses/workshops:**

- January 2021:    Fundamentals of digital transformation certificate, Suez Canal University, Ismailia
- May 2019:      TOEFL Certificate, General Service for Languages, Suez Canal University, Ismailia
- August 2019: “ Patent” Certificate, Technological Innovation and Marketing Office, Suez Canal University, Ismailia
- August 2018:   TOEFL-IBT Course from AMIDEAST.Egypt with a very good grade
- September 2018: " Lab Safety "Certificate, Postgraduate Studies and Research Sector, Suez Canal University, Ismailia
- November 2018: Safety Foundation &Chemistry of Hazardous Certificate, Syndicate of Scientific Professions, Ismailia.
- August 2018:   Training in Hochester and Al Rowad Pharmaceutical Company.
- Dec 2015:      Training in Public Hospital, bir-abd.

#### **Conferences, Seminars and Workshops**

- Annual Postgraduate Conference: Scientific Research and Its Role in Achieving Sustainable Development at Faculty of Science, Suez Canal University 2025.
- Scientific Research: From Innovation to Entrepreneurship and Development at Faculty of Science, Suez Canal University 2024.
- 8th International Conference of the Egyptian Society for Environmental Sciences (ESES) at Suez Canal University, Ismailia, Egypt 2024.
- Scientific Research: Between Renaissance and Future Visions at Faculty of Science, Suez Canal University 2023.

- Young Researchers Conference at Suez Canal University 2023 and 2021.
- Experimental tools for nanomaterials synthesis and characterization workshop at Arish University 2022.
- Fundamentals of digital transformation (excel, word, PowerPoint) workshop at Suez Canal University 2021.
- Tips for Academic Writing Workshop 2021.
- MATLAB Basics, Equation Solving Methods and Brief Introduction to Simulation workshop 2021.
- Lab Safety, Technological Innovation and Marketing Office workshop 2019.

## **E. Research Interest**

- Inorganic chemistry, simulation and docking application and medicinal-inorganic applications, computational and modeling chemistry.
- Drug Design, Drug Derivatives, Nano Drug and Docking of new Drug.
- Analytical Chemistry Overall-Spectral Chemistry (IR, X-RAY, MASS, UV, NMR), Pharmaceutical Chemistry, Industrial Chemistry and Electrolytic corrosion chemistry.
- Synthesis and design of new ligands and its complexes and their application in biological activity.

## **F. Skills**

### **-Language Skills:**

- Arabic: Mother Language
- English: Very Good at both writing and speaking.
- English courses: TOEFL-IBT Course from AMIDEAST.Egypt with very good grade and Local Toefl course from Suez Canal University with a very good grade.

### **- Computer Skills:**

- Competent with most Microsoft Office programs.

- Microsoft course from Suez Canal University with very good grad.

## **G. Participating in research obtained from the master's and PhD as a research activity**

### **▲ Referred Journal Articles.**

- 1- Scientific research from a master's thesis was published in the Young Researchers Conference at Suez Canal University and got the best research: Adel S.O., Ahmed A.A., **Hossam H. Nasrallah**, Abbas M.A, "**Novel Ibuprofen Derivatives and Its Complexes: Synthesis, Characterization and Safer Anti-inflammatory Agents**" page, 75-78, 2021.
- 2- Abbas, A.M.; Aboelmagd, A.; Kishk, S.M.; **Nasrallah, H.H.**; Boyd, W.C.; Kalil, H.; Orabi, A.S. **A Novel Ibuprofen Derivative and Its Complexes: Physicochemical Characterization, DFT Modeling, Docking, In Vitro Anti-Inflammatory Studies, and DNA Interaction.** *Molecules* 2022, 27(21), 7540, 29, doi:<https://doi.org/10.3390/molecules27217540>.
- 3- Abbas, A.M.; **Nasrallah, H.H.**; Aboelmagd, A.; Kishk, S.M.; Boyd, W.C.; Kalil, H.; Orabi, A.S. **Design, Synthesis, Anti-Inflammatory Activity, DFT Modeling and Docking Study of New Ibuprofen Derivatives.** *Int. J. Mol. Sci.* **2024**, 25, 3558. <https://doi.org/10.3390/ijms25063558>
- 4- **Nasrallah, H. H.**; Orabi, A. S.; Aboelmagd, A. J. F. i. S. R.; Technology, **Trimethoprim drug derivatives: A review of synthesis, metal complexes, nanoparticles, and biological activity.** 2025.
- 5- Abbas, A.M.; **Nasrallah, H.H.**; Aboelmagd, A.; Boyd, W.C.; Kalil, H.; Orabi, A.S. **Novel Trimethoprim-Based Metal Complexes and Nanoparticle Functionalization: Synthesis, Structural Analysis, and Anticancer Properties.** *Inorganics* **2025**, 13, 144. <https://doi.org/10.3390/inorganics13050144>.

### **▲ Theses**

- \* **Master's Thesis:** Study of Some New Ibuprofen Derivatives: Synthesis, Characterization, Molecular Modeling, and Biological Activity (2019-2021).
- \* **doctoral theses:** Novel Trimethoprim Drug Derivatives: Elaboration, Description, Computational Studies, Drug Carrier Nanoparticles, and Biological Activity (2022).