

# CURRICULUM VITAE

## PERSONAL DATA

Name: **Asma Omar Errayes**  
Date of Birth: 1974  
Place of Birth: Tripoli  
Nationality: Libyan  
Current post: Assistant professor, University of Tripoli  
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## 1. EDUCATION AND DEGREES

- 1989-1993** High School, Omar Elmoktar, Tripoli, Libya.  
**1994-1997** BSc Honours degree in Chemistry, Chemistry Department,  
Faculty of Science, Tripoli University.  
**2004-2007** M.Sc. Organic chemistry, Chemistry Department, Faculty of  
Science, Ain Shams University .Egypt.  
**2007-2011** Assistant Lecturer Chemistry Department, Sciences Faculty,  
University of Tripoli.  
**2012-2016** Ph.D. Organic Chemistry, Chemistry Department, Faculty of  
Science, Ain Shams University. Egypt.  
**2017 to 2020** Lecturer Chemistry Department, Sciences Faculty,  
University of Tripoli.  
**2020 to data** Assistant professor Chemistry Department, Sciences  
Faculty, University of Tripoli.

## 2. ACADEMIC/PROFESSIONAL PARTICULARS

### (a) Field of Specialization:

Chemistry, Organic chemistry

### (b) Academic Qualifications

M.Sc. Organic chemistry, Chemistry Department, Faculty of Science,  
Ain Shams University.

**Ph.D** Organic chemistry, Chemistry Department, Faculty of Science, Ain Shams University.

**(c) Membership of Professional Bodies**

Libyan Chemical Society, Member, 1998

**(d) Language Proficiency**

Arabic, English .

**(e) Administrative Positions Held**

Director of the faculty members office in the college.2022 to data  
Head of Department of Advisory,Research, and Training, Sciences  
Faculty, University of Tripoli. 2020-2022

Head of Undergraduate studies offic at department of Chemistry  
Faculty of Science, University of Tripoli 2018-2020.

Coordinator General Chemistry College of Engineering. 2017-2018

**3. Teaching**

**Summary of Courses Taught**

**2017 to date.** Teaching theoretical and practical Organic chemistry (CH230, CH230P, CH231, CH232, CH331, CH332, CH232P, CH331P, CH332P) to undergraduate students, Faculty of Science, Tripoli University. Tripoli, Libya.

**2007 to 2012.** Teaching undergraduate students/ Organic chemistry division, Chemistry Department, Tripoli University. Tripoli, Libya, theoretical and practical General Chemistry (CH101), (CH102) (CH102P), Organic Chemistry (CH230), (CH231), (CH232), (CH331) (CH332), (CH230P), (CH232P), (CH331P). (CH332P). Teaching Organic Chemistry to undergraduate students (CH230), Tripoli University of Medicinal Science, Tripoli, Libya.

Teaching undergraduate Students College of Engineering, Tripoli University, Tripoli, Libya, theoretical and practical General Chemistry (CH101), (CH102), and (CH102P).

**1998-2003.** Demonstrator, Department of Chemistry Faculty of Science, Tripoli University, Tripoli, Libya.

Have very good experience in analytical chemistry methods such as (NMR, FTIR, MS) by Central Laboratory Unit from Ain Shams University. Egypt 2016.

- \* Scientific resident of the Libya Innovation Award.
- \* Scientific resident of the Sebha University Award for Scientific Excellence.
- \* Scientific resident of the Libya Excellence Award.
- \* Scientific reviewer for many scientific researches in a number of local and international journals.
- \* Member of the Committee of the Ministry of Higher Education and Scientific Research to inventory laboratory equipment in Libyan universities.
- \* Member of the Committee of the Ministry of Higher Education and Scientific Research to redistribute university laboratories to Libyan universities, the first stage.
- \* Member of the Committee of the Ministry of Higher Education and Scientific Research to study the offers of companies supplying university laboratories.
- \* Member of the Committee of the Ministry of Higher Education and Scientific Research to distribute university laboratories to Libyan universities, the second stage.
- \* Member of the Cooperation Committee with the Ministry of Higher Education and Scientific Research and the Ministry of Education and the Ministry of Environment in the field of environment.

- \* Member of the Joint Main Committee for the inventory, sorting and treatment of chemicals in educational, research and training institutions.
- \* Chairman of the Follow-up Committee for the inventory and sorting of chemicals in educational, research and training institutions.
- \* Member of the advisory committee in the unified chemical system.

### **List of Publications**

- Asma Errayes et al.,. (2013). Antioxidant and Antibacterial .1  
Activities of leaf and fruit extracts of *Capparis spinosa L.*  
from Libya. The Libyan Journal of Agriculture. 18:1-6.
- Asma Errayes et al., , (2015). Antioxidant Activity of .2  
Novel Fused Heterocyclic Compounds Derived from  
Tetrahydropyrimidine Derivative. Journal of Chemical &  
pharmaceutical bulletin.63: 866–872.
- Asma Errayes et al.,. (2016). Synthesis and antioxidant .3  
properties of novel pyrimidine-containing  
heterocycles. Journal of Chemical Research. 40(5):299-  
304.
- Asma Errayes et al.,. (2019). Utilization of 2-Ylidene-4- .4  
Thiazolidinones in the Synthesis of Heterocyclic  
Compounds Part III: Synthesis and In-Vitro Antibacterial  
Activity Evaluation of Thienopyrimidinone Derivatives.  
Jordan Journal of Chemistry.14: 39-47.
- Asma Errayes et al.,. (2020) Review of Phytochemical and .5  
Medical Applications of *Annona Muricata* Fruits. Journal  
of Chemical Reviews. 2(1): 70-79.
- Asma Errayes et al.,. (2020) Utilization of 2-Ylidene-4- .6  
Thiazolidinones in the Synthesis of Heterocyclic  
Compounds Part (IV): Synthesis of Thiophene Derivatives.  
*Journal of Engineering Research and Application.* 10(01)  
(Series -III): 41-48.
- Asma Errayes et al.,. (2020) Green Chemistry: Principles, .7  
Applications, and Disadvantages. Chemical Methodologies  
(4): 408-423.
- Asma Errayes et al.,. (2020) Evaluation of Antimicrobial .8  
and Antioxidant Activities of *Psidium guajava L* growing  
in Libya. *International Journal of Advanced Biological and  
Biomedical Research.*4(8):419-428.

Asma Errayes et al.,(2021) Synthesis of Highly Stabilized AuNPs Using 3,5-Dinitrobenzoic Acid and Sodium Acetate as Capping Agents in an Aqueous Solution and their Bioactivity. Journal of Nano Research. (70):67-79.  
Asma Errayes et al.,Silver Nanoparticles and Polymer-Based Nanoparticles (Chapter) Protein-Based Biopolymers Jan 2023.

## **REFEREES**

Professor Mahmoud F. Farhat, Chemistry Department, .1  
Tripoli University, Tripoli, Libya.  
mf\_farhat@yahoo.com

Professor Hassan Mohamed Fawzy Madkour, Chemistry .2  
Department, Faculty of Science, Ain Shams University, Egypt.  
fawzy.hassan@yahoo.com