

## Curriculum vitae



### Personal Information

**Salima Ali Mohamed BenGuzzi**

**Professor in Bioinorganic chemistry**

Data of Birth: 15/10/1960

Place of Birth: Benghazi-Libya

Sex& Marital Status: Female& Married with Children.

Nationality: Libyan

**Email:** [salima.benguzzi@uob.edu.ly](mailto:salima.benguzzi@uob.edu.ly)

**Mobile Phone :** 00218-91-374-8708

### Area of Interest

**Environmental & Biological Inorganic Chemistry.**

### Scientific Qualification and Appointments

- Professor, Chemistry Department, Faculty of Science, University of Benghazi ([www.uob.edu.ly](http://www.uob.edu.ly)) Benghazi Libya since June 2017.
- Associate Professor, Chemistry Department, Faculty of Science, University of Benghazi ([www.uob.edu.ly](http://www.uob.edu.ly)) Benghazi Libya since June 2009.
- Vice President of Academic Staff Union, University of Garyounis, Benghazi Libya 1996 to 2000.
- Head of the Chemistry Department, Faculty of Science, University of Garyounis, BenghaziLibya 1999 to 2002.

- Head of the Chemistry Department, , Faculty of Science, Altahadi University, Sirt Libya 2002 to 2004.
- Head of the Postgraduate studies, Faculty of Science, Altahadi University, Sirt Libya 2002 to 2004.
- Tender Committee Member, University of Garyounis, BenghaziLibya, 2000 to 2002.
- Tender Committee Member, University of Garyounis, BenghaziLibya, 2004 to 2006.
- Tender Committee Member, General people committee for Higher Education, Tripoli Libya, 2006.
- Assistant Professor, Chemistry Department,Faculty of Science, University of Garyounis ([www.garyounis.edu](http://www.garyounis.edu))Benghazi Libya since 1994.
- Lecturer, Chemistry Department, University of Garyounis, Faculty of Science, BenghaziLibya 1991 to 1994.
- M.Sc. researcher at Chemistry department, University Collage Dublin, Belfield D4, Ireland([www.ucd.ie](http://www.ucd.ie)) 1987 to 1989.
- PhD. researcher at Chemistry department, University Collage Dublin, Belfield D4, Ireland([www.ucd.ie](http://www.ucd.ie)) 1990 to 1993.
- Demonstrator, Chemistry Department, University of Garyounis, Faculty of Science, BenghaziLibya 1984 to 1986.
- B. Sc. In chemistry,Chemistry Department, Faculty of Science, University of Garyounis, Benghazi Libya 1979 to 1983.

### **Publications and Researches supervision**

- Synthesis, Characterization and Biological activity of some mononuclear N,N'-chelated oxovanadium. ). [M.Sc thesis, 2019](#) in Chemistry Faculty of Science, University of Benghazi.
- Nickel(II) dithiocarbamate complexes sensitivity difference as antitumor drugs between (breast and hepatocellular carcinoma cell lines) and as antibiotic between (Gram negative and Gram positive bacteria). [M.Sc thesis, 2018](#); in Chemistry Faculty of Science, University of Benghazi.
- Synthesis and Characterization of unsubstituted and N-substituted Octanohydroxamic acid complexes. [Der. Chemica. Sinica, 5\(3\) 47-50 \(2014\).](#)
- The Effect of Environmental Pollution on the Active Constituents of Some Medicinal Plants Growing in Libya. [Biomedical & Pharmacology J. 6\(1\) 71-75 \(2013\).](#)
- Synthesis, characterization and antimicrobial studies on nickel (II) and copper (II) complexes of 2N2O2 donor Schiff base. [Der. Chemica. Sinica, 4\(5\) 62-66 \(2013\).](#)
- Synthesis and characterization of Fe(II) and Co(II) complexes of Schiff base derived from 3,3'-diaminobenzidine and salicylaldehyde. [J. Chem. Pharm. Res. 5\(10\) 10-14 \(2013\).](#)
- Preparation and Characterization of N-Substituted Octanohydroxamic acids metal Complexes. Transition Metal ions (II) and (III). [J.Agric.Chem and Biotech., Mansoura Univ. 12. 629-638. \(2010\).](#)

- Synthesis and characterization of some N2O2-Schiff bases and their metal complexes. [Ras.J.Chem., 2. NO. 4 .781-785. \(2009\).](#)
- Synthesis and characterization of Binuclear Cu(II) complexes of some Schiff bases ligands. [Journal of Sci. & Appl. ,VOL. 3. NO. 1. 112-120. \(2009\).](#)
- Synthesis and characterization of some N2O2-Schiff bases and their metal complexes. [Ras.J. Chem., 2. NO. 2 .271-275. \(2009\).](#)
- Synthesis and Characterization of Some Transition Metals Complexes of Schiff bases Derived from Benzidine and Acetylacetone. [Journal of Science and its Applications, VOL. 2. NO. 1 pp 83-90 \(2008\).](#)
- Synthesis and Characterization of Divalent Transition Metals Complexes of Schiff bases Derived From O-Phenylenediamine and Benzoylacetone and Related Species. [Journal of Science and Its Applications, VOL. 1. NO. 1 pp 79-90 Feb. \(2007\).](#)
- Structural Studies of Hydroxamic Acids, Brown, D. A., Glass, W.K., Mageswaran, R and BenGuzzi, S. A; [Mag. Reson. Chem, 29 40 \(1991\).](#)
- \• Synthesis and spectroscopic identification of some amino acid metal complexes, M.Sc thesis, **1997**; in Chemistry Faculty of Science, University of Garyounis.

- Synthesis and spectroscopic identification of some Propionohydroxamic acid metal complexes, M.Sc thesis, **1998**; in Chemistry Faculty of Science, University of Garyounis,
- Potentiometric titration studies on Ortho-substituted phenylhydrazodimedone and their complexes, M.Sc thesis, **2000**; in Chemistry Faculty of Science, University of Garyounis.
- Synthesis characterization of Divalent transition metals and biological activity Schiff base complexes derived from 3,3',4,4'-biphenyltetramine and salicylaldehyde, M.Sc thesis, **2013**; in Chemistry Faculty of Science, University of Benghazi.
- I have been an Internal and External examiner for many, M.Sc. Thesis in Chemistry at Benghazi and other Libyan University.

### **Teaching Experience**

#### **Undergraduate courses:**

- Participated in laboratory teaching includes General chemistry, Inorganic and analytical chemistry for first and second year students at Chemistry department, University College Dublin, Belfield D4, Ireland 1988 to 1993.
- Senior lecturer in the field of Coordination chemistry and Bioinorganic chemistry.

#### **Postgraduate courses:**

- Senior lecturer in the field of Bioinorganic and advanced coordination chemistry.
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### Activities

I participated in many conferences and events inside and outside the country; some of them are listed below:

- Chemical Risk Management Curriculum Development Workshop  
Tunis(16-20 June 2019)
- The 14<sup>th</sup> Annual Congress of Scientific Association of College of Pharmacy in the Arab world, and Health Science and The 2<sup>nd</sup> International conference of AUST college of Pharmacy and Health Sciences. Ajman Univrsity, **UAE** (2012).
- The Jordanian International Pharmaceutical Conference. **Jordan** (2010).
- The 13<sup>th</sup> AARU Conference of the Pan Arab Colleges of Pharmacy. **Egypt** (2010)
- Woman in Science (Fellowship Program)- April to June, University of Michigan-Dearborn, **USA**. (2009).
- International conference on Women Leader in Science, Technology and engineering, **Kuwait** (2007).