

Curriculum Vitae

Personal Data

| | |
|---------------------------------|--|
| Name: | <i>Sarra Abdalla Ahmed TALAB</i> |
| Date and Place of Birth: | 9/9/1976 (Kosti – SUDAN) |
| Nationality: | Sudanese |
| Sex: | Female |
| Marital status | Married with three children |
| Permanent address: | <i>C/O</i> Dr. Omran Fadl Osman Department of Zoology University of Khartoum P.Box 321 |
| Mobile | +249-912292439 |
| e-mail | Stalab9@gmail.com |
| Languages: | Arabic & English |

Higher Education:

| | | | |
|------|--|---|------------------|
| 1999 | B.Sc. (Hons.) Second class, division one; in Chemistry | Department of Chemistry <i>University of Khartoum</i> | Khartoum, Sudan. |
| 2002 | M.Sc. in Chemistry | Department of Chemistry, <i>University of Khartoum</i> | Khartoum, Sudan. |
| 2009 | PhD, in chemistry | University of Juba | Sudan |

Employment:

- 2000-2002** **Teaching Assistant**, Department of Chemistry, University of Juba
- 2002 -2009** **Lecturer** at the Department of Chemistry, University of Juba.
- 2005-2009** PhD candidate (University of Juba)
- 2007-2008** Guest PhD candidate at the University of Leiden, The Netherlands
- 2008 - 2009** Analyst at Gorlaeu Laboratories, Leiden Institute of Chemistry University of Leiden, The Netherlands.
- 2009-2010** **Assistant Professor**, Department of Chemistry, University of Juba

2010- to present **Assistant Professor**, Department of Chemistry, University of Bahri

2013- to present Head of Chemistry and Industrial Chemistry department

Professional experience:

TEACHING:

1999-2002 Department of Chemistry, University of Khartoum: Supervising and teaching practical classes in Chemistry, including Organic and Physical Chemistry.

2010 Department of Chemistry, Faculty of Pharmacy, Ribat National University (Sudan)

2014- Department of Chemistry, Faculty of Science: Teaching natural product to student of higher diploma in chemistry, Africa World University, Sudan.

ACADEMIC ACTIVITIES

- Member of academic Committee for revising the Curriculum of Department of Chemistry and Industrial Chemistry, College of Applied and Industrial Sciences (B.Sc.+ Diploma), University of Bahri, 2013-up to now.

- Member of Academic committee for preparing of curriculum and syllabus for Chemistry, College of Education- University of Bahri- Sudan, 2013 up now.

RESEARCH

2001-2002 Conducting research on General Chemistry.

AREAS OF SPECIALIZATION

1. General Chemistry.
2. Organic chemistry.
3. Synthesis of Organic Compounds.
4. Natural products

TEACHING INTEREST

1. Organic Chemistry.
2. Natural products type.
3. General chemistry I, II.
4. Bioinorganic chemistry.

5. Synthetic strategy.
6. Chemical analysis.
7. Organic reaction type
8. Organic molecular type

Supervision:

Supervised the following graduation projects in partial fulfillment for the degree of B. Sc. (Honours in Industrial Chemistry):

- **Purification of cholesterol by organic methods (2003)**

Candidates: Abdel-Rhim Sayed Hassan, Faisal Ali Yermndi And Peter Topuro Nigo

- **Diazonium Salts in Synthesis (2003)**

Candidates: Mohammed Awad El-Sheikh Idris, Osman Hassan Mansour and Elamin Yousif Elsadig

- **Isolation of caffeine from coca cola soft drink (2005)**

Candidate: Yoanis kimo Ajang Awate

- **Synthesis of Methyl Orange (2009)**

Candidates: Hassen Ali and Marwa Mohd.

- **Analytical application of lactanic hydroxamic acid with some metal ions [(Cu⁺², Fe⁺³)] (2010)**

Candidates: Josphef Stephen, Altahir Mohd, Omer Abdalwhab, Tarig Fathi, Murda Mohd.

- **Synthesis of Hydroxamic acid and analytical application (2011)**

Candidates: Osman Ahmed and Aida Hamed.

Main Research Activities:

- Investigating Analytical Applications of Propionic Hydroxamic Acid and some of its derivative for determination of some metals. The study was conducted in the University of Khartoum, Department of Chemistry, where it was supervised by Dr. Taj Elsir Abas (Department of Chemistry, University of Khartoum).
- Synthesis of stable isotopes Amino Acids (Histidine), usage of enriched carbon 13 compound spectroscopy technique and IR spectrometer under supervision of Prof. John Lugtenburg-group of Bio Organic synthesis.

Publications

- K. Taha, M. Mohamed, S. Khalil, S. Talab, Inhibition of Brass Corrosion in Acid Medium Using Thiazoles, J. International Letters of Chemistry, Physics and Astronomy, 9 (2) **2013**, 87-102.
- S. Talab, K. Taha, and J. Lugtenburg, Preparation of 2'-13C-L-Histidine starting from 13C thiocyanate, Molecules 2014, 19, 1023-1033

Conferences and Meetings

- Design and Synthesis structure and Reactivity Bimolecular Chemistry. Lunteren (The Netherlands). 29-31 October 2007
- The Annual Meeting of the Organic Chemistry Society. 16\5\2007 **The Free University, Amsterdam, The Netherlands.**
- A novel synthesis of isotopically labelled l-histidine. **International conference of chemistry (ICOS-18) Bergen Aug 01-05.2010.**

Referees:

Dr. Osman Ibrahim Osman

Faculty of Science,
University of king abdziz
Jedda, KSA

Email: osman.osman11@yahoo.com

Dr. Kamal Khalifa Taha

Faculty of Science
Al-Imam Mohammad Ibn Saud Islamic University (IMSIU)
Riyadh, KSA

Email: kamaltha99@rediffmail.com

Prof. Johan Lugtenburg

University of Leiden,
Gorlaeu Laboratories, Einsteinweg 55
Leiden Institute of Chemistry/ bio organic synthesis
Leiden 2333 CC
The Netherland

lugtenbu@chem.leidenuniv.nlEmail: