

# AMNA SAAD OMER KHIDIR



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## EDUCATION

2009 - 03.2012

**Faculty of Science, University of Khartoum, Sudan**

Ph.D. in Genetics & Molecular Biology

2004 - 06.2007

**Faculty of Science, University of Khartoum, Sudan**

M.Sc. in Genetics & Molecular Biology

1979 - 1984

**Faculty of Science, University of Khartoum, Sudan**

B.Sc. Honor in Zoology

## EXPERIENCE

**11.2017 - present**

**Nile University - Sudan**

Associate Professor, Deputy dean of graduate college and scientific research and Director of the Research Centre

Teaching Genetics & Molecular Biology - faculty of medicine

Established the M.Sc. Curriculum for Genetics & Molecular Biology

Coordinator of M.Sc courses of Genetics & Molecular Biology.

Participated in the formulation of the regulations and rules controlling and guiding the Research Centre.

Member of the graduate college committee, Nile university.

member of research board and ethical committee

**2012 - 2017**

**University of Bahri, Faculty of Medicine - Sudan**

Assistant Professor

Teaching Biology, Molecular Biology & Genetics.

Coordinated many courses, participated in the achievement of molecular biology lab. also in curriculum formulation.

**2003 - 2009**

**Zoology Department- Faculty of Science, University of Khartoum - Sudan**

Teaching Assistant

**1986 - 1996**

**Zoology Department King Saud University, Riyadh**

Demonstrator- teaching both in Arabic & English

## SKILLS

Good communication - written and oral skills

Excellent conceptual and analytical skills

Effective interpersonal skills

## PERSONALITY

Communicative

Punctuality

Creativity

Organized

## LANGUAGES

English



Arabic



## SOFTWARE SKILLS

Word



Microsoft Powerpoint



## ACTIVITIES

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1. Attended a Workshop of Introduction to Research Ethics arranged by UNESCO CHAIR IN BIOETHICS held at University of Khartoum, Faculty of Medicine (2020).
2. Attended a Workshop on Qualitative Research Principles and Methodology Reports arranged by the Federal Ministry of Health- Sudan (2020).
3. Paper Reviewer at the World Journal of Biology and Biotechnology.
4. Organiser and Coordinator of multiple workshops done and modulated at Nile University research centre governing all concepts of scientific research and methodology.
5. Organiser and Coordinator of series of workshops done and modulated at Nile University research centre governing molecular biology techniques.
6. A member of The Parent Satisfaction Charity Organization- Sudan.
7. A member of connect.barcodeoflife.net.
8. A member of Sudan barcode of life group.
9. ResearchGate profile.
10. Attended a course of Introduction to Bioinformatics Tools (IBT)\_2020, H3ABioNet.
11. Went on an exchange programme as an honor student at University of Khartoum, sponsored by BONN University-Germany
12. Former member at AAAS

## PUBLICATIONS

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- 1) Omer, A. S. & Abukashawa, S. MA., 2012, "Morphometric Traits and Karyotypic Features of the African Lungfish (*Um Koro*), *Protopterus annectens annectens* (Owen, 1839) and *Protopterus aethiopicus aethiopicus* (Heckel, 1851) in Sudan" *SJI, Fisheries, Poultry and Wildlife Sciences*, vol. 1, issue 1.
- 2) Omer, A. S., Abukashawa, S. MA. & Daghestani, M. H., 2013, "The Phylogenetic Position of the African Lungfishes in Sudan Inferred from the Complete Mitochondrial 12S rRNA and 16S rRNA Genes" *SJI, Journal of Chemistry, Biochemistry and Molecular Biology*, vol. 4, issue 1.
- 3) Hind M. Beheiry, Amna S. Omer, Awatif S.S Abdallah, Abdelbadea A.M Elhassan, Ibtisam A Ali & Eltahir A. Gasim, January 2019, "Association of Insertion-Deletion Polymorphism in the Angiotensin-Converting Enzyme Gene and Human Essential Hypertension among Sudanese in Al Nubba Village" *Saudi J Med*, vol.4, issue 1: 49-52
- 4) Abukashawa, S. MA. & Omer, A. S. 2010, "Protein Polymorphism of the African Lungfish (*Um Koro*), *Protopterus annectens annectens* (Owen, 1839) and *Protopterus aethiopicus aethiopicus* (Heckel, 1851) in Sudan", *International Journal of Biological Science*, vol. 2, no. 4.
- 5) GQ506449 *Protopterus annectens annectens* found in Khour Aljogan, 16S ribosomal RNA gene (blood), complete sequence; mitochondrial, NCBI/ GenBank (2009), authors: Omer, A. S.
- 6) GQ889236 *Protopterus annectens annectens* clone 2 12S ribosomal RNA gene, partial sequence; mitochondrial, NCBI / GenBank (2009), authors: Omer, A. S.
- 7) GQ889235 *Protopterus annectens annectens* clone 1 12S ribosomal RNA gene, complete sequence; mitochondrial, NCBI / GenBank (2009), authors: Omer, A. S.
- 8) GU064381 *Protopterus aethiopicus aethiopicus* 16S ribosomal RNA gene, complete sequence; mitochondrial, NCBI/ GenBank (2009) mitochondrial NCBI/ GenBank (2009), authors: Omer, A. S.
- 9) HM588139 *Protopterus annectens annectens* found in Khour Aljogan, 16s ribosomal RNA gene (liver tissues), complete sequence, mitochondrial, NCBI/ GenBank (2009), authors: Omer, A. S.
- 10) HM588140 *Protopterus annectens annectens* found in Rehed e Berdi, 16s ribosomal RNA gene, complete sequence (2009), authors: Omer, A. S.
- 11) HM562352 *Protopterus annectens annectens* found in Khour Aljogan, 12s ribosomal RNA gene (liver tissues), complete sequence, mitochondrial, NCBI/ GenBank (2009), authors: Omer, A. S.
- 12) HM235679 *Protopterus aethiopicus aethiopicus* found in River Nile, 12s ribosomal RNA gene (liver tissues), complete sequence, mitochondrial NCBI/ GenBank (2009), authors: Omer, A. S.

## REFERENCES

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- 1) Prof. Sumaia M. A. Abukashawa. Professor of Zoology (Molecular Biology & Genetics) Faculty of Science- University of Khartoum. P.O.box 321 Khartoum. Postal code 11115, E-Mail: [abukashawa@hotmail.com](mailto:abukashawa@hotmail.com)
- 2) Prof. Zeinalabdin Karrar. Deputy President, Nile University- Sudan. E-mail: [zkarrar47@gmail.com](mailto:zkarrar47@gmail.com), [zeinkarrar@outlook.com](mailto:zeinkarrar@outlook.com)
- 3) Prof. Asim Daffalla. Dean of graduate college and scientific research- Nile university, Sudan. E-Mail: [asimdaff@yahoo.co.uk](mailto:asimdaff@yahoo.co.uk)