

## Personal information

Languages: Arabic (Mother Tongue) and English.

Gender: Female

Marital status: Married, Four Grownups (a Gynecologist and three Engineers).

Nationality: Sudanese.

Date of Birth: 21/ 3/ 1947.

Place of Birth: Kassala, Sudan.

Present Job: Associate Professor

## Professional Experience

All in the University of Khartoum, Faculty of science , Department of Botany :

Demonstrator                      August 1970 ————— March 1974

Teaching Assistant              March 1974 ————— March 1984

Assistant Professor              March 1984 ————— March 1992

Associate professor              March 1992 —————

Head of Department              September 1996 ————— September 1998

## Education

- April 1970 B.Sc. Botany University of Khartoum.
- September 1974 M.Sc. Botany University of Khartoum.
- April 1982 Ph.D. University of Khartoum.
- January – November 1978 study course (part of the Ph . D.) at North Western University, Department of Biology .Illinois. U.S.A. Gas chromatography of cell wall components .
- March – December 1987 . Post Doctorate studies in the department of Biology , Berkbeck Collage ( University of London ) and at the Jodrell Laboratory ( Royal

Botanic Gardens ) to study the relations between the parasitic plant *Loranthus acacia* and its host plants , including intensive training in the scanning electron microscope .

- August – December 1994 . Joined research during the Sabbatical leave

at the Department of Biology ,Birkbeck Collage , (University ofLondon) studying The variations of seed coats and micropyle of different varieties of *Vicia faba* ( Broad Bean) of the Sudan , using the scanning electron microscope .

## Research Topics studied

Studies on the biology of the parasitic weed *Orabanche ramosa* ( Broomrape ) in Sudan . 1998 . Muna El Shiekh M. Arbab .

M.Sc. Anatomical and phytochemical studies in *Lawsonia inermis* ( Henna ) .2000 with Ehsan Mohamed Abd Elrahman . M.Sc. thesis .

Anatomical studies of nine Sudanese medicinal plants .2001 Ph. D. Ahlam Salih Eltahir .Ph.D. Thesis .

: اشراف على بحث تكميلي لنيل درجة الماجستير فى الترجمة . ترجمة عشرة ابواب الاولى من كتاب

اعداد الطالب فضل ضحية محمد بحر . 2000 علم تشريح النباتات البذرية

Some variations in *Acacia seyal* Del , variety *seyal* ( Brenan ) in Sudan in relation to the colour of the bark. 2002 . Zeinab Hashem Abu Elgasim . Ph. D. Thesis .

Molluscicidal activity , Anatomical and Phytochemical studies of some species of the family Combretaceae . 2007 . Eshtiag Mohamed Mohamed Ahmed . M. Sc. Thesis .

Anatomical and Phytochemical Studies of the Leaves and Roots of *Urginea grandiflora* Bak. and *Pancratium tortuosum* Herbert . 2009 . H. A. S. Sultan .M. Sc. Thesis .

Biological and Histological studies on naturally developing galls in Khartoum area .1995 . Mohamed Hassan Elzaki .M.Sc. Qualifying . Thesis.

Foliar Architecture of some *Jatropha* species related to the analytical studies of their seeds . 2004 . Amal Hassan Abd Elgader . B. Sc. Honor Thesis .

Frankincense ( *Luban Daker* ) . *Baswellia paprifera* ( genus in Sudan ) . 2007 . Wesal Hassan Ali . M. Sc. Qualifying . Thesis .

**Internal Examiner to Many Ph. D. and M. Sc. Candidates .**

## Teaching Experience

All in the University of Khartoum , Faculty of science , Department of Botany .

Preliminary Year : All courses ; Taxonomy , Physiology , Anatomy , Morphology , Bacteriology , Germination and Lower Plants .

Second Year : Plant Anatomy and Plant Physiology .

Third Year : Host – Parasite Relationship .

Fifth Year : Seed Pathology . Crown Gall Tumors .

### **Post Graduate Supervision**

Honors Students Dissertations

M. Sc. Degrees Thesis.

Ph. D. Thesis.

Internal Examiner to Many Ph. D. and M. Sc. **Candidates**

### **Publications**

1— Estimation of hyperauxinity during tumor formation in castor bean hypocotyls . Plant and Cell Physiology 1975 .16: 681 – 685 .

2—In vitro binding of *Agrobacterium tumefaciens* to extracted plant cell walls . Sudan Journal of Science . Volume IV .56 – 67 . 1989 .

3—Isolation of *Agrobacterium tumefaciens* from naturally developing galls . Sudan Journal of Science . Volume

Ahlam Salih Eltahir and Bouran Ibrahim Abu Elreish Publications :-

1—Pharmacognostical Studies on the leaves of *Guiera senegalensis* J. F. Gmel. Omdurman Journal of Pharmaceutical Sciences (OJPS) . , vol. 1, No. 5, January 2009, pp 655- 662.

2—Comparative morphological and anatomical studies of the bark of three *Albizzia* species . J .Chem. Pharm. Res. , 2010, 2(3): 260-268 .     —3—Comparative Foliar epidermal studies in *Cymbopogon citrates* and *Cymbopogon schoenanthus* in Sudan . J .Chem. Pharm. Res. , 2010, 2(4): 449-455 .

4—Leaf and Stem anatomy of *Cymbopogon citrates* and *Cymbopogon schoenanthus* in Sudan . J .Chem. Pharm. Res. , 2010, 2(4): 766-771 .

5—Microscopical studies on the leaf and petiole of *Vernonia amygdalina* Del. *Advances in Applied Science Research*, 2011, 2(2): 398-406.

9-Anatomical and phytochemical studies of the leaves and roots of *Urginea grandiflora* Bak and *Pancratium tortuosum* Herbert . H. A. S. Sultan , B. I. Abu Elreish and S. M. Yagi. *Ethnobotanical Leaflets* 14: 826-835. 2010.