

# CURRICULUM VITAE



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## PERSONAL DETAILS

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Name : Yousif Mohamed Ahmed Idris  
Date and Place of birth : 1<sup>st</sup> January 1956, Algadarif  
Nationality : Sudanese  
Religion : Islam  
Marital status : Married and father of four  
Address : College of Agricultural Studies, Sudan University of Science and Technology, P.O.Box 71, Shambat, Khartoum North, Sudan.

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**Key competence:** leadership, Strategic Planning, Policy formulation and Management

**Languages Skills:** Arabic - Native  
English - Fluent

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## ACADEMIC QUALIFICATIONS:

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- **2001, Ph.D.** (Food Biotechnology), University Putra Malaysia (UPM).
- **1988, M.Sc.** (Food Science): University of Leeds, Britain.
- **1981, B.Sc.** (Agric. Honors - Biochemistry and Food Science), University of Khartoum.

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## PROFESSIONAL AND ADMINSTRATIVE EXPEREINCE

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**11 March 2018 to date:** Dean College of Graduate Studies, Sudan University of Science and Technology

**29 June 2015 to 10 March 2018:** Secretary of Academic Affairs, Sudan University of Science and Technology.

**28 October 2013-to 28 June 2015:** Dean College of Graduate Studies, Sudan University of Science and Technology.

**19 March 2007- 17 January 2013:** Dean College of Agricultural Studies, Sudan University of Science and Technology.

**02 December 2006-18 March 2007:** Deputy Dean College of Agricultural Studies, Sudan University of Science and Technology

**30 January 2003 – 10 December 2006:** Head Department of Food Science and Technology, College of Agricultural Studies, Sudan University of Science and Technology.

**28 October 2010 to date:** Professor of Food Science, Department of Food Science and Technology, College of Agricultural Studies, Sudan University of Science and Technology.

**23 February 2003 –27 October 2010:** Associate Professor, Department of Food Science and Technology, College of Agricultural Studies, Sudan University of Science and Technology.

**01 January1995- 22 February 2003:** Assistant Professor, Department of Food Science and Technology, College of Agricultural Studies, Sudan University of Science and Technology.

**01 January 1990-31 December 1994:** Lecturer, Department of Food Science and Technology, College of Agricultural Studies, Sudan University of Science and Technology.

**1992-1995:** Coordinator of Food Science and Technology B.Sc. Program.

**1996:** Headed the department of food Science and Technology.

**13 December1988-10 November 1989:** Postgraduate research Procter Department of Food Science, University of Leeds, Britain

**01 June1983- 31 December 1989:** Teaching assistant, Department of Biochemistry and Food Science, College of Agricultural Studies, Khartoum Polytechnic

**01 June1983- 31 December 1989:** Teaching assistant, Department of Biochemistry and Food Science, College of Agricultural Studies, Khartoum Polytechnic

**15 October 1981-31 May 1983:** Agricultural extensionist, Ministry of Agriculture, Khartoum, Sudan. Duties: Conducted on-farm training for fruit and vegetable farmers in Khartoum province, and istributed fertilizers and advised farmers on the proper use of fertilizers, vegetable harvesting and storage techniques

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## **PUBLIC AND PROFESSIONAL ACTIVITIES**

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**2003:** Member of genetically modified foods ad hoc committee (appointed by His Excellency the Minister of Science and Technology, Sudan).

**2006:** Member, Food shelf life technical committee, Sudanese Standards and Metrology Organization (SSMO).

**2006:** Member of the committee for establishment of the Sudanese Mycotoxins Center (SSMO).

**2006:** Member, The technical committee for genetically modified foods (SSMO).

**2006- 2014:** Member, the board of trustees, Sudanese Mycotoxins Center, SSMO.

**2006:** Chairman, committee of establishment of The Sudanese Malaysian Studies Center, SUST.

**2007- 2012:** Member and financial secretary, the executive committee of the Society of Arab Colleges of Agriculture.

**2009 –2013:** Chairman, Joint Co-ordination Committee, and Director of the research project: Improvement of food security in semiarid regions of Sudan through management of root parasitic weeds (*Striga hermonthica*) Technical cooperation project between Sudan University of Science and Technology (SUST) , Kobe university, Japan and Japan International Cooperation Agency (JICA) and Japan Science and Technology Agency (JST).

**2010:** Chairman of the organizing committee, International Conference on Organic Farming in Sudan

**2013-2014:** Member, National Biodiversity Strategy and Action Plan Revision and Update Task Force.

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## PROFESSIONAL TRAINING

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- Attended several training courses and workshops in a variety of fields, including Food Science, curriculum development, population education, women in development, academic staff development, teaching methodology, electron microscopy, leadership and change, and strategic planning. These training Programmes are arranged and conducted by FAO, UNESCO, UNFPA, the British Council, FINIDA, Wolver Hampton Polytechnic, The North East Wales Institute of Higher Education (U.K), Ministry of Education, Sudan, Khartoum Polytechnic, University Putra Malaysia, Sudan University of Science and Technology, and Ministry of Labor, Sudan, University Technology Malaysia (UTM) and UNIDO;
- Strategic Planning Workshop, UTM, Malaysia, March 2015;
- Strategic Panning Training Course, Sudan University of Science and technology, December 2015;
- National Strategic Planning, Higher Academy for Strategic and Security Studies, Leaders Training Center, Khartoum-Sudan, April 2018.

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## TEACHING EXPERIENCE

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### **Taught the following courses at B.Sc. level:**

1. Food Chemistry
2. Food Packaging
3. Dairy Technology
4. Introduction to Food Science and Technology
5. Physical Chemistry
6. Inorganic Chemistry
7. General and Physiological Biochemistry
8. Food Rheology

### **Taught the following courses at M.Sc. level:**

1. Food Chemistry
  2. Dairy Technology
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## RESEARCH INTEREST

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1. Aflatoxins in food and agricultural products.
  2. Development of alternative milk coagulating enzymes
  3. Antioxidants and phenolic compounds.
  4. Enzymes purification and characterization.
  5. Gum Arabic applications in food systems.
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## CURRENT RESEARCH ACTIVITIES

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1. Acrylamide in Sudanese foods.
  2. Pytochemical profile and antioxidant activity of Baobab (*adonsania digitata*) fruit pulp.
  1. Detection and quantification of 3-monochloropropane-1, 2-diol (3-MCPD) in vegetable oils and bread in Sudan
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## SUPERVISION/ EXAMINATION OF POSTGRADUATES STUDENTS

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- Supervised 8 PhD and 19 M.Sc students;
  - External examiner for 29 M.Sc. students and 9 PhD students;
  - Internal examiner for 6 PhD and 11 M.Sc. students.
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## REVIEW OF SCIENTIFIC ARTICLES

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### Reviewed scientific papers for:

- Journal of the American Oil Chemist's Society;
  - International Journal of Food Properties;
  - University of Khartoum Journal of Agricultural Sciences;
  - Journal of Science and Technology (SUST).
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## SCIENTIFIC JOURNALS PUBLICATIONS

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2. **Idris Y.M.A.**, Yazid, A.M and Sipat, A.B., 1998. Decolorisation of Kesinia (*Streblus asper*) leaf extract. *Asia Pacific Journal of Molecular Biology and Biotechnology*; 6(2):187-190.
3. **Idris, Y.M.A.**, Sipat A.B., Shuhaimi, M. and Yazid, A.M.1999. Inhibition of enzymatic browning during extraction of a milk coagulating protease from *Streblus asper* (Kesinia) *Pakistan Journal of Biological Sciences*; 2(2):378-381.
4. Yazid, A.M., Fong, H.M, Sipat, A.B., Shuhaimi, M. and **Idris, Y.M.A.**, 1999. Proteolysis of milk and casein fractions by *Streblus asper* (Kesinai) extract. *Pakistan Journal of Biological Sciences*; 2(3):654-659.

5. Ruzaina Ishak, **Yousif Mohamed Ahmed Idris**, Shuhaimi Mustafa, Abdullah Sipat, Sharifa Khridah Syed Muhammed, Mohd. Yazid Abd Manap.2006. Factors Affecting Milk Coagulating Activities of Kesinai (*Streblus asper*) Extract. International Journal of Dairy Science 1(2):131-135.
6. Abdalbasit Adam Mariod, **Yousif M. Ahmed**, Bertrand Matthäus, Galaledin Khaleel, Abdeen Siddig, Aied Mohamed Gabra and Siddig Ibrahim Abdelwahab. 2009. A Comparative Study of the Properties of Six Sudanese Cucurbit Seeds and Seed Oils. Journal of the American Oil Chemists' Society. 86(12):1181-1188.
7. Fatima Omer Nabag, Omer Ahmed Daffalla, and **Yousif Mohamed Ahmed**. 2009. Evaluation of the Nutritional and Health Situation of Basic School Children in Khartoum State, Sudan. Journal of Science and Technology, 10(4):138-157(In Arabic).
8. Abdalbasit Adam Mariod, Rehab Tageldein Ali , **Yousif M. Ahmed** , Siddig Ibrahim Abdel Wahab , Ahmad Bustamam Abdul. 2010. Effect of Method of Processing on Quality and Oxidative Stability of Anhydrous Butter Fat (samn). African Journal of Biotechnology 9(7):1046-1051.
9. Abdalbasit Adam Mariod, Bertrand Matthäus, **Yousif M. A. Idris** and Siddig Ibrahim Abdel Wahab.2010. Fatty Acids, Tocopherols, Phenolics and Antimicrobial Effect of *Sclerocarya birrea* Kernel During Different Harvesting Dates. Journal of the American Oil Chemists' Society.87 (4):377-384.
10. Abdalbasit Adam Mariod, Sara Elkheir, **Yousif M. Ahmed** and Bertrand Matthäus. 2010. *Annona squamosa* and *Catunaregam nilotica* Seeds, the effect of the extraction method on the oil composition. Journal of the American Oil Chemists' Society. 87(7); 763-769.
11. **Y.M Ahmed Idris** and I.H. Alhassan. 2010. Effect of packaging material on microbiological properties of Sudanese white cheese. International Journal of Dairy Science 5(3):128-134.
12. **Yousif M. A. Idris**, Abdalbasit A. Mariod, Ibrahim Alfaig Elnour and Adam Ali Mohamed. 2010. Determination of Aflatoxin Levels in Sudanese Edible Oils. Food and Chemical Toxicology. 48:2539-2541.
13. **Yousif Mohamed Ahmed Idris**, Abdalbasit Adam Mariod and Somia Ibrahim Hamad.2011. Physico-chemical properties, phenolic contents and antioxidant activity of Sudanese honey. International Journal of Food Properties. 14(2):450-458.
14. Abdalbasit Adam Mariod, Sara Elkheir, **Yousif Mohamed Ahmed**, Bertrand Matthaüs 2011. Review: Organic foods from *Annona squamosa* (Gishta) and *Catunaregam nilotica* (Kirkir). Journal of Science and Technology,12(3):71-76.
15. **Yousif M.A. Idris**, A. M. Yazid, and Abdullah B.Sipat. 2012. Microstructure and texture of the milk coagulum of *Streblus asper* leaf extract. International Journal of Food Properties. 15(5):933-941.
16. Abdalbasit Adam Mariod, Siddig Ibrahim Abdelwahab, Sara Elkheir, **Yousif Mohamed Ahmed**, Putri Narrima Mohd Fauzi, Cheah Shiau Chuen, 2012. Antioxidant Activity of Different parts of *Annona squamosa* and *Catunaregam nilotica* Methanolic Extract. Acta Sci. Pol., Technol. Aliment. 11(3), 249-257

17. **Yousif Mohamed Ahmed Idris**, Yousif Ahmed Ibrahim and Abdalbasit Adam Mariod. 2013. Color of dehydrated tomato: Effects of gum Arabic. *International Journal of Food Properties*, 16:838-851.
18. **Idris, Yousif M.A**, Hassan, Safaa A. and Mariod, Abdelbasit A. 2013. Physiochemical characteristics and aflatoxin levels in two types of Sudanese sesame oil. *Journal of the American Oil Chemists' Society*, 90(7): 989-998.
19. Amani A. Elmozamil, Elfatih A. Hassan and **Yousif M. A. Idris**. 2014. Characterization and Toxicological Evaluation of Combretum glutinosum (Habil) Gum of Sudanese Origin. *Journal of Natural and Medical Sciences (JNMS)* vol.15 (2) :60-68.
20. Abdalbasit Adam Mariod, **Yousif Mohamed Ahmed Idris** and Nuha Mohamed Osman. 2014. Composition and Stability of Traditionally Processed Sesame Oil , *Innovative Romanian Food Biotechnology* Vol.15, Issue of November, p.51-57.
21. Abdalbasit Adam Mariod, **Yousif Mohamed Ahmed**. 2015. Aflatoxin B<sub>1</sub> levels in groundnut and sunflower oils in different Sudanese states. *Food Additives and Contaminants Part B*, Vol. 8(4): 266-270.
22. Abdalbasit, A. Mariod, **Yousif, M.A. Idris, Nuha M. Osman, Maha, A. Mohamed, Awad, M.A. Sukrab, Marwa, Y. Farag, and B. Matthaus**. 2016. Three Sudanese Sorgum-based Fermented Foods (Kisra, Hulu-mur and Abreh): Comparison of proximate, nutritional value, microbiological load and acrylamide content. *Ukrainian Journal of Food Science*, Vol.4 (2):216-228.
23. Abdalbasit A. Mariod, **Yousif M. A. Idris**, Nuha M. Osman, Maha A. Mohamed, Awad M. A. Sukrab, Bertrand Matthaus. 2017. Nutritional value and chemical composition of Sudanese millet-based fermented foods as affected by fermentation and method of preparation. *Acta Sci. Pol. Technol. Aliment.* 16(1): 43–51.
24. Sara E. Mustafa, Abdalbasit A. Mariod, **Yousif M. Ahmed** and Sidig I. Ibrahim. 2017. Antioxidant Activity and Cytotoxicity Study of Vangueria madagascariensis Leaf, Bark and Seed Cake Methanolic Extracts. *Australian Journal of Basic and Applied Sciences*, Vol.11 (3):64-70.

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## CONFERENCE

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### Participated in several international conferences including:

- The 3rd Symposium on Trends in Biotechnology and the 7th Scientific Meeting of Malaysian Society of Molecular Biology and Biotechnology (MSMBB). UPM, Serdang, Malaysia.
  - The 11th National Biotechnology Seminar, Melaka-Malaysia.
  - Biology in the next Millennium Conference, Kuala Lumpur-Malaysia.
  - International Conference on Organic Farming, Khartoum-Sudan, 6-7 April.
  - International Food Research Conference, UPM-Malaysia, 25-27 July 2017.
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