

Curriculum Vitae

Personal Data

Rania Sulieman Mohamed EL Sanousi

Nationality : Sudanese

Languages : Arabic : Mother tongue, English

Marital Status: Married

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Education

- Sudanese certificate 1997.

-Bachelor of science(honor) in Agriculture-University of Khartoum Faculty of Agriculture 2003.

- Master of science in Agriculture (molecular genetics) - University of Khartoum – Faculty of Agriculture – Department of Botany and Agricultural Biotechnology 2008.

-Doctor of philosophy in Agriculture (Biotechnology) 2016.

Training courses

- *Training course in genetic engineering (DNA molecular marker techniques for Crop improvement), ICARDA, 2003
- * Training course in molecular biology, Institute of Endemic Disease University of Khartoum, 2002
- * Training course in Plant Tissue Culture, National Centre for Research, Commission for Biotechnology and Genetic Engineering 2001
- * Training course in Introduction to Theory and Measurement of Tree Ecophysiology, Faculty of Forestry, U of K(Sudan) in collaboration with U of Helsinki (Finland), Khartoum, Sudan, 2007
- * Training course in Plant virus diagnosis, ARC, Shambat Research Station , Virus Diagnostic Unit , 2004
- *Training course in Food Microbiology, Food Centre, ARC, Shambat, 2001
- * International Conference on Applied Biotechnology, Africa City for Technology, Khartoum, Sudan, September 28-30, 2009.
- *Training course in miRNA expression signatures associated with diagnosis and prognosis, Al- Howar for Integrated Solutions Co. Ltd. 2014
- * 2th International Conference on Agriculture, Food security and Biotechnology, ISESCO, COMSATS, IRCC, U OF K, MoHESR, Khartoum, Sudan, October 17th -18th, 2016

- * Training course on Using Molecular techniques for Cotton Breeding, SESRIC and U of K, University of Khartoum 4-5 October 2016.

Advances Researches

- * Study presented to the Faculty of Agriculture, in partial fulfillment of the requirements for the degree of B.sc. of Agriculture (2003)
- * Partnership advanced research in creatively activity convention for Arab Students, Lebanon.(2002)

Employment

- 2004 – 2008 Teaching Assistant in Faculty of Agriculture, University of Khartoum, Department of Botany and Agricultural Biotechnology
- 2009 Lecturer in Faculty of Agriculture, University of Khartoum, Department of Botany and Agricultural Biotechnology
- 2016 Assistant professor in Faculty of Agriculture, University of Khartoum, Department of Botany and Agricultural Biotechnology

Prizes

- *Al- Zubair prize for innovation and scientific excellence, 2006.
- *University prize for academic excellence 1999- 2000
- *University prize for academic excellence 2001-2002
- *University prize for academic excellence 2002-2003

*Faculty prize for academic excellence 2003

*Arab Organization for Agricultural Development prize for academic excellence 1999-2000

*Arab Organization for Agricultural Development prize for academic excellence 2001-2002

*Arab Organization for Agricultural Development prize for academic excellence 2003

*Arab Authority for Agricultural Investment and Development prize for academic excellence 1998 – 1999 and 1999- 2000.

Publications

- Rania S. Elsanousi ; Ali E. Kambal; Abdelbagi M. Ali; Nasreen M. Kamalcand Sofian S. Mohamed (2009). Molecular Characterization of some Sorghum [*Sorghum bicolor* (L.) Moench]Accessions from Sudan in Relation to Racial Classification. *U.of K. J. Agric. Sci.* 17(3),308 – 320.

- Rania S. Elsanousi ; Samah M. Hassan; Ismail A. Mohammed,(2014).

In vitro Shoot Initiation and Multiplication of Jojoba *Simmondsia chinensis* (Link.) Schneider. *Advances in Life Sciences* . 4(3): 131-134

- Rania S. Elsanousi ; Awadalla A. Abdelmula ; Ismail A. Mohammed ; Neeti Sanan Mishra ; Nada Babiker Hamza, (2015). Evaluation of

Performance and Variability of Six Sorghum Genotypes under Salinity Stress. *International Journal of Research Studies in Biosciences (IJRSB)*. 3(8): 23-27

-Rania S. Elsanousi & Sayeda O. ELhiweris , (2015). Embryogenic Callus Induction from Mature Embryos of Sorghum Genotypes. *Academic Journal of Life Sciences*. 1, (1): 20-23.

- Rania S. El Sanousi; Nada B. Hamza; Awadalla A. Abdelmula ; Ismail A. Mohammed ; Seif M. Gasim ; Neeti Sanan-Mishra, (2016). Differential Expression of miRNAs in Sorghum bicolor under Drought and Salt Stress. *American Journal of Plant Sciences*. 7: 870-878.