

Curriculum Vitae (CV)

Full Name	Fatma suliman mohemed Arrish	
Phone number		
E-mail (university Email)	Fat.arrish@sebhau.edu.ly	
Department	Biotechnology	
Research Area Key words (5 at least)	Evaluation of Genotoxicity of Scaled-Polarity Extracts for Leave and fruits of Brambakh Plant (<i>Calotropis Procera</i>) on Mitosis of Root Tips of <i>Allium Cepa L</i>	
Award & Fellowships	Assistant lecturer	
Education	<p>-First University Degree : B.Sc.</p> <p>-Date degree awarded : 2000.</p> <p>-Specialization : Zoology.</p> <p>-Second University Degree: M.Sc.</p> <p>-Date degree awarded : 2010.</p> <p>Name and location : Faculty of Science, Sebha University, Libya</p> <p>-Specialization : Genetics.</p>	
Publications (journals)		
<p>1- Evaluation of the genotoxicity of hexan extract, <i>Calotropis procera</i> leaves and fruits on mitosis of <i>Allium Cepa L</i>. root tips. Journal of Sebha University.(Pure and Applied Sciences). Vol. 12. No.3.(2013).</p> <p>2- Evaluation of the genotoxicity of Glycosides compounds extracted from leaves and fruits <i>Calotropis procera</i> on mitosis of <i>Allium Cepa</i>. Journal of Sebha University.(Pure and Applied Sciences). Vol. 14. No.1.(2015).</p> <p>3- Study of the synergistic effect of the alcoholic extract of leaves and flowers of <i>Calotropis Procera</i> plant with the antibiotics on two types of bacteria: <i>Salmonella typhimurium</i> and <i>Streptococcus faecalis</i>. Journal of Pure & Applied Sciences. Vol. 16. No. 2. (2017).</p>		
Work Shops		

1- Refreshment course in the analysis of curriculums of scientific and educational materials.(2003)

2- Refreshment course for teachers of biology from 1/7/2007 to 2/8/2007.

3- The first scientific forum for the development of the skills of researchers from 19 to 22/12/2016 .

4- The Course of Applications and coordination of research using the End Not program from 26 -2-2017 to 2-3-2017 at the Center for Training and Development, of Sebha University.

5- Research coordination course using the MS-W0rd 2010 program from 1 to 2 -3-2017 at the Center for Training and Development, of Sebha University.

6-Statistical data analysis course using the SPSS program from 5 to 9-2017 at the Center for Training and Development, of Sebha University.

7- Computer and Internet Basics Course from 4-3-2017 to 19-3-2017 at the Center for Training and Development, of Sebha University.

Working Experience

Scientific interests:

- 1- Study of biological effect of chemical and medical materials and plant extracts and determine its effect on living cell.
- 2- Genetic studies and determine chromosomal aberrations and genetic disease.

Laboratory experience:

Genetic mutations, method of extraction and purification of plasmid and chromosomal DNA, Agarose gel electrophoresis, Isolation and identification of bacteria.

-Language proficiency:

Arabic and English. (I have got fulfilled the language proficiency requirement of CEF A2 from Sebha Language Center In partnership with the BRITIH COUNCIL In 5th July 2010).

-Computer use: Microsoft office, End Note, SPSS program.

Departmental Duties & Activities

I taught some of the subjects of the Zoology department such as 1 - Practical general zoology (ZY111).2- Practical general zoology (ZY201).3- Practical molecular Genetic (ZY705).4- Vertebrates (ZY402). 5- General Genetics (ZY303).6- Embryology (ZY604). 7- biology of Human cells (ZBT608). 8- Molecular Biology(ZY705). 9- Laboratory techniques(ZY405). 10- Animal Culture tissue (ZBT804). 11- Carcinogenic genes ZBT805. and supervision of a group of research's for department students as well as I was the examiner for some research, and I taught some of the subjects of the biotechnology department such as 1- General Genetics (Bit 203-). 2- Practical General Genetics (Bit213). 3- biology of Human cells (Bit 403). 4- biology of Human cells Practical(Bit 413). 5-Animal Culture tissue (Bit 704). 6- Animal Culture tissue Practical (Bit 714). 7- biology Stem cells (Bit 805). 8- biology Stem cells Practical (Bit 815).

Professional Memberships/Activities

Quality Coordinator, Department of Zoology

Conferences and symposia

Participation in the First International Conference on Science and Technology
Under the slogan " For the Optimal Application of Science and Technology"

In the period from 12 to 14 February 2018

(1st ICST-2017)

12th - 14th February 2018

Evaluation of Genotoxicity of Acetone Extract of *Dodonaea viscosa* L. Plant Leaves on the Mitosis of Root Tips of *Allium cepa*

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Fatma Suliman Arrish

Date 22\9\2018