# Omar Al-Mukhtar University

## Staff member curriculum vitae(C. V.)



***Name::*** Fayrouz Alzobair Khaled Fadil

***Date & Place of Birth:*** 13-6-1973/ Al-Beida

***Nationality:*** Libyan

***Marital status:*** Married

***Faculty : Science.***

***Department:*** Chemistry

***Qualification Kind: P.hD***

***Specialization:*** Biochemistry

***Qualification Place:*** Mansoura University

***Date Qualification Obtained:*** 2012-2013

***Academic Status:*** **Associated Professor**

***Date of Recruitment:*** 3-6-2013

***Mobile No.:*** 0916746769--944827113

***E. mail:*** fayalzobair@yahoo.com

Google Scholar link: https://scholar.google.com/citations?user=wNiN0scAAAAJ&hl=ar

ResearchGate link: https://www.researchgate.net/profile/Fayrouz-

Scopus link:
https://id.elsevier.com/settings/redirect?code=n62xO2C2rfi5twx7SIn2gBEg_Cu-cpJPdlQc5iuu

# I- Scientific qualifications gradient:

## ▪ Scientific degree – Bachelor (B. Sc.):

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|---|
| **Graduating research title: The acid rain** |
| **University: Omar-Al-Mukhtar University-AlBeida** |
| **Faculty: Science** |
| **Department: Chemistry** |
| **Branch: Biochemistry** |
| **Grade of degree: A(72.30%)** |
| **Graduation date: 1993-1994** |

## ▪ Master degree (M. Sc.):

| |
|---|
| **Thesis Title: Study Of The Protective Role Of Ascorbic Acid Against The Toxicity Of Tin In Mammals** |
| **University: Omar-Al-Mukhtar University-AlBeida** |
| **Faculty: Science** |
| **Department: Chemistry** |
| **State: Nile Valley University** |
| **Specialization: Biochemistry** |
| **Graduation date: 2003-2004** |

## ▪ Ph. D. degree:

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|---|
| **Thesis Title: The Protective Role Of Ginger Against Phthalate Induced Reproductive Toxicity And Oxidative Stress In Male Rabbits** |
| **University: Mansoura University** |
| **Faculty: Faculty of science** |
| **Department: Chemistry** |
| **State: Egypt** |
| **Specialization: Biochemistry** |
| **Graduation date: 2012-2013** |

# II- Academic status

| Name | Address | Date |
|---|---|---|
| **Demonstrator** | **Omar Al-Mukhtar University** | **1996** |
| **Lecturer Assistant** | **Omar Al-Mukhtar University** | **2005** |
| **Lecturer** | **Omar Al-Mukhtar University** | **2013** |
| **Assistant Professor** | **Omar Al-Mukhtar University** | **2016** |
| **Associated Professor** | **Omar Al-Mukhtar University** | **2020** |
| **Professor** | **Omar Al-Mukhtar University** | **2024** |
| **Others** | | |

## III- Scientific membership (Local – International)

## IV- Scientific activity:

### a) Papers: (Title – Journal –No. - Vol. – Issues).

**1-** Study of the Protective effect of ascorbic acid against the toxicity of stannous chloride on oxidative damage, antioxidant enzymes and biochemical parameters in rabbits. M.I. Yousef, T.I. Awad, F.A. Elhag, **F.A. Khaled**. Toxicology, Volume 235, Issue 3,Pages 194-202.

**2-** Estimation Of Some Blood Parameters, Urea And Ceartinin Levels In Chronic Renal Of Some Paints At El-baida City Hospital (Libya). **Fayourz. A. Kahald** & Hamad M. I. Hasan .World Journal of Pharmacy and pharmaceutical sciences 2016, vol 5, issue 2. Pages 137-144.

**3-** A comparative Study On Some Hematological Parameters Of Some Smokers And Non Smokers Blood Samples . **Fayruz E. K. Fadiel** & H. M. I. Hasan World Journal of pharmaceutical. Reserch 2016, vol 5, issue 2. Pages 146-154.

**4-** The protective role of propolis against the reproductive toxicity of monosodium glutamine in male rabbits. **Fayrouz A Khaled,** Mokhtar I Yousef, Kamel I Kamel**.** International Journal of Chemical Studies 2016; 4(1)

***5-*** Protective effect of *Zingiber officinale* against bisphenol A- Induced histological effect in testes of adult male rabbits. **Fayourz. A. Kahald** & Marfoua. S. Ali· Libyan Journal Of Basic Sciences (LJBS), Vol: 3 No: 1 p: 1-12 September 2015.

**6-** Comparative study to estimate the effect of pregnancy on the vitamin D levels of pregnant and non pregnant blood samples . **Fayrouz .A.K.Fadeil** & HAMAD.M.IDRES.HASAN .Libyan Journal Of Basic Sciences (LJBS),Vol : 2 No : 1 P: 58-66 June 2015.

**7-** The effectiveness of vitamin B12 supplementation as a combination therapy for the treatment of diabetes type 2. **Fayourz. A. Kahald &** Marfoua. S. Ali. *Libyan Journal Of Basic Sciences (LJBS), Vol: 5 No: 1 p: 11-17 December 2016*.

**8-** Prevalence of HBV and HCV infections among Blood Donors in Northeast of Libya. Salema R.M Qowaider, Marfoua. S. Ali, Souad.A M. Moftah and **Fayrouz A. Khaled**. International Blood Research &

Reviews 7(1): 1-5, 2017; Article no.IBRR.29124 ISSN: 2321–7219. SCIENCEDOMAIN international. www.sciencedomain.org.

9- *Zingiber officinale* syrup reduces bacterial load in study cases infected with Helicobacter pylori in Northeast of Libya. **Fayourz. A. Kahald,** Marfoua. S. Ali and Rania. Farge.

10- Prevalence of Gestational Diabetes Mellitus (GMD) & associated age in El-Beyda City. **Fayourz. A. Kahald**& Marfoua. S. Ali and Mohamad. N. Mohammad. *Libyan Journal Of Basic Sciences (LJBS*). 2017.

11- Prevalence and charcterstics of family history among diabetic patients in El-Beyda, Libya. Heba. Shareaf, Marfoua. S. Ali and **Fayourz. A. Kahald**. Al-Mukhtar Journal of Sciences 32 (2):315-310, 2017.

12- Prevalence of Thyroid Functions & associated with sex and age in Northeast of Libya. Marfoua. S. Ali, **Fayrouz. A. Khaled**, Souad. A M. Moftah and Mariam. A. Ibrahim. Global Scientific Journal of Biology 1 (2017) 1-6.

13- Prevalence of HBV and HCV infections among non-Libyan population in El-Beyda city. Eman. K. Saad, Marfoua. S. Ali and **Fayrouz. A. Khaled.** Global Scientific Journal of Biology. 2 (2017) 22-25.

14- Serum uric acid, age and gender: relationship among population in El-Beyda city. Mariam. A. Ibrahim, Marfoua. S. Ali and **Fayrouz. A. Khaled.** Global Scientific Journal of Biology. 2 (2017) 22-25.

15- Protective effect of Ginseng against Bisphenol A- induced Hepato-toxicity effect in adult male rabbits. **Fayrouz. A. Khaled** and Marfoua. S. Ali**.** Global Scientific Journal of Biology. 2 (2017) 7-10

16- Effects Of Zingiber Officinale On Reproductive Functions In New-Zealand Male Rabbits. **Fayrouz. A. khaled** and Marfoua. S. Ali. Journal of Sciences, Islamic Republic of Iran http://jsciences.ut.ac.ir University of Tehran, ISSN 1016-1104.

17- Beneficent Effect Of Ginseng On Semen Characteristics In Treated Bisphenol A Adult Rabbits. **Fayrouz. A. khaled** and **Marfoua. S. Ali**. IJABP. Quest Journals, Journal of Research in Pharmaceutical Science 4 (1), 54-8.

18- Correlation between Age, Sex, and Vitamin D Deficiency Among Population in El-Beyda City. Najat M. H. Mohammed, Marfoua. S. Ali, **Fayrouz A. Khaled**, Eman K. Saad & Safa M. Salih. Global Scientific Journal of Biology. 1 (2018) 32-36.

19- Lipid Profile of Patients with Diabetes Mellitus Among Diabetic Patients in Cyrina City, Libya. Sundis A. A. Albera,

**Fayrouz. A. Khaled** & Marfoua. S. Ali Global Scientific Journal of Biology.1 (2018) 37-41.

**20-** Correlation between Age, Sex, and Level of Ferritin among Population in El-Beyda City. Marfoua. S. Ali, **Fayrouz. A. Khaled** & Sundis. A.A.Albera. Global Scientific Journal of Biology 1 (2018) 42-45.

**21-** Cyclophosphamide-Induced Hepatotoxicity in Bufo regularis Reuss. Marfoua. S. Ali, **Fayrouz. A. Khaled**. Global Scientific Journal of Pharmaceutical Research 1 (2018) 1-6

**22-** Analytic study about different oral antidiabetic drugs among diabetic patients in Cyrina city, Libya. Asma Omar, Marfoua .S. Ali and **Fayrouz. A. Khaled**. IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) e-ISSN:2278-3008, p-ISSN:2319-7676. Volume 13, Issue 4 Ver. V (Jul – Aug 2018), PP 07-10 www.iosrjournals.org.

**23-** Effect of Phthalates residues in plastic bottled waters on reproductive toxicity and oxidative stress in male rabbits. **Fayrouz. A. Khaled** and Marfoua. S. Ali. – مجلة العلوم والدراسات الانسانية . بنغازى العدد . المرج In Press

**24-** Evaluation of Follicle Stimulating Hormone, Luteinizing Hormone and Prolactin Levels among Women with Unexplained Infertility in El- Beyda City. Om-alsaad E. I. Omar, Eman, G. A. Allafi, **Fayrouz. A. khaled** and Marfoua. S. Ali**.** IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) e-ISSN:2278-3008, p-ISSN:2319-7676. In press.

**25-** Effect of ginger supplementation on reproductive performance of male rabbits, M. E. El-Speiy, **Fayrouz .A. Khaled**, and A.M.El-Hanoun. Global Scientific Journal of Biology 2 (2017) 26-31.

**26-** Synthesis and Characterization of New Heterocyclic Derives Com pounds from Ethyl-4-(furan-2-yl)-6-methyl-2-oxo-1,3- dihy-dropy-rimidine-5-carboxylate**.** Hana. A. A. Mageed, Reda. F. El-Ezabi1 & **Fayrouz. A. Khald** 1 (2018) 1-5

**27-** Ginger Suppress Di-(2-ethylhexyl) Phthalate Testicular Toxicity through Alleviating Hormonal Disturbances in Male Rabbits. Mokhtar, I. Yousef , **Fayrouz A. Khaled** , Abdel-Aziz, F. Abdel-Aziz , Hanaa, A. Hassan , and Kamel, I. kamel 1 (2018) 6-10

**28-** The Possible Protective role of Ginseng on growth performance induced experimentally by Bisphenol A- in adult male rabbits. **Fayrouz. A. khaled** and Marfoua. S. Ali. Journal of Pure & Applied Sciences, www.Suj.sebhau.edu.ly ISSN 2521-9200, Received 03/11/2017, Revised 21/01/2018 Published online 30/06/2018**.**

**29-** Seroprevalence of HBV, HCV and HIV Infections among Foreign Workers in El-Beyda City Amena A. Abdulrazeg, Aberr A. Aqeelah, Marfoua S. Ali**, Fayrouz A. Khaled**, Scholars Journal of Applied Medical Sciences (SJAMS), 2018; 6(12): 4802-4806**.**

**30-** The Effect of Ginger Extract (Zingiber officinale Roscoe) on antioxidant enzymes and free radical in rabbits Ahlam A.K. Al-Ailla and **Fayrouz A. Khaled,** IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB) ISSN: 2455-264X, Volume 5, Issue 1(Jan. – Feb. 2019), PP 37-40. www.iosrjournals.org.

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**32-** Influence of ascorbic acid supplementation on hematological parameters and free radicalin adult male rabbits **Fayrouz A. Khaled** , Marfoua S. Ali**,** Hamida S. Radad, Saudi Journal of biomedecal Research, 2019, 4 (5) 244-247.

**33-** Antimicrobial Resistance of Escherichia Coli in Urine Samples from Children and Adults in El-Beida City Aisha. A. Y. Katesh , Salema R. M. Qowaider , Marfoua .S. Ali and **Fayrouz A. Khaled**, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) ) ISSN: 2279-0861.Volume 18, Issue 10 Ser.2 (October. 2019), PP 72-75www.iosrjournals.org**.**

**34-** REGENERATIVE MEDICINE: STEM CELL THERAPY AS AN ALTERNATIVE APPROACH FOR TREATMENT HUMAN DISEASES: REVIEW Hanaa A. Hassan, Nermin E. El-Gharib , **Fayrouz A. Khaled,** Asian Journal of Research in Biological and Pharmaceutical Sciences. ISSN: 2349 – 4492, 2020; 8(2), 2020, 51-62.

**35-** A COMPARATIVE STUDY BETWEEN GINGER AND PROPOLIS ON SEMEN QUALITY OF MALE RABBITS Osama H. Aldeeb and **Fayrouz A. Khaled,** Asian Journal of Research in Chemistry and Pharmaceutical Sciences. ISSN: 2349 – 7106,2020; 8(3), 2020, 317-324.

**36-** Dimethoate-induced oxidative damage and biochemical changes in male rabbits Osama H. Aldeeb and **Fayrouz A. Khaled,** International Journal Dental and Medical Sciences Research. ISSN: 2582-6018,2020; Volume 2, Issue 5, pp: 208-213. DOI: 10.35629/5252-0205208213.

**37-** THE IMPACT OF ASCORBIC ACID ON SEMEN OVERHAUL IN MALE RABBITS Sara M. Elgazwi and **Fayrouz A.**

**Khaled,** Asian Journal of Research in Biological and Pharmaceutical Sciences. ISSN: 2349 – 4492, 2020; 8(1), 2020, 1-6.

**38-** Moderating impacts of antioxidant properties of Annona muricata on carbon tetrachloride induced hepatotoxicity and nephrotoxicity in rabbits Sara M. Elgazwi and **Fayrouz A. Khaled,** International Journal of Pharmaceutical Research and Applications. ISSN: 2249-7781, 2020; Volume 5, Issue 2, pp: 611-618. DOI: 10.35629/7781-0502611618.

**39-** A Comparative Study Between Effects of Some Antioxidants on Levels of Hormones in Male Rabbits Eman Saad , Mariam Ibrahim , **Fayrouz A. Khaled,** Marfoua Ali, Alq J Med App Sci. 2021;4(1):60-68.

**40-** Hepatoprotective Effect of Ginger Induced Experimentally by Dimethoate And Liver Injury in Adult Male Rabbits **Fayrouz Khaled,** Ali Shoaib , Mansour Attia, Alq J Med App Sci. 2021;4(1):24-30.

**41-** THE ROLE OF ORGANIC COMPOUND (ASCORBIC ACID) ON ANTIOXIDANT ENZYMES IN GROWN-UP RABBITS Hameda T. Algalbati and **Fayrouz A. Khaled**. / Asian Journal of Phytomedicine and Clinical Research,174-169 ,2020 ,(4)8 .

**42-** Sex- and age-related differences in bilirubin concentrations in serum among Population in El-Beida City **Fayourz. A. Kahald,** Sara Elgazwi and Marfoua. S. Ali, مجلة البيان,2021, Volume 8.

**43-** Soursop (Annona muricata L.) Suppress carbon tetra chloride Toxicity through Alleviating Hormonal Disturbances In Adult Male Rabbits **Fayrouz. A. khaled** , Marfoua. S. Ali, Aiman S. Abuajaila and Muna. A. Jadalla, Fourth international conference of basic sciences and their application, 2020.

**44-** Seroprevalence of Antibodies to Cytomegalovirus, Rubella Virus and T. gondii among aborted women in El-Beida City. Marfoua S. Ali, Salema R.M, Qowaider , Nagla. Y. Bait Almal , **Fayourz. A. Kahald**, Saudi Journal of Biomedical Research,2021, ISSN 2518-3222. DOI: 10.36348/sjbr.2020.v05i12.003.

**45-** THE TOXIC EFFECT OF DI- (2-ETHYLHEXYL) PHTHALATE ON TESTES ANTIOXIDANT AND ENZYME ACTIVITIES IN ADULT MALE RABBITS. Tariq A. M. Tyeb and **Fayrouz A. Khaled**, Asian Journal of Research in Biological and Pharmaceutical Sciences, ISSN: 2349 – 4492; 8(4), 2020, 154-161.

**46-** Study the Protective Effect of Ginger against the Toxicity of Dimethoate on Hormones in Rabbits. Sara M. Elgazwi, **Fayrouz A. Khaled** and Manal F. Alsanous. Asian Journal of Research in

Biochemistry 8(3): 24-33, 2021; Article no.AJRB.66527 ISSN: 2582-0516.

**47-** Comparison the role of natural antioxidants (ginger, A. muricata L or P. ginseng) on hematological parameters in male rabbits. Fareda. H. Mekal, **Fayourz. A. Kahald** and Marfoua. S. Ali. *Libyan Journal Of Basic Sciences (LJBS),* Vol: 10 No:1 P: **44 – 52, April. 2020.**

**48-** HEMATO-BIOCHEMICAL PARAMETERS ON THE DEFENSIVE ROLE OF GRAVIOLA IN RABBITS TREATED WITH DIMETHOATE. Ahlam M. Amharib, **Fayrouz A. Khaled**, Safaa K. Mohammad. Asian Journal of Research in Pharmaceutical Sciences and Biotechnology, ISSN: 2349 – 7114 **.** 8(4): 168-177, 2020.

**49-** EFFECTS OF ASCORBIC ACID ON SOME CLINICAL CHEMISTRY PARAMETERS OF MALE RABBITS. Amani. M. M. Salem, Sundis. A. A. Albera, **Fayrouz. A. Khaled**. INDO AMERICAN JOURNAL OF PHARMACEUTICAL SCIENCES, ISSN 2349-7750, IAJPS 2021, 08 (04), 65-71.

**50-** RELIEVING IMPACTS OF ANTIOXIDANT PROPERTIES OF GINSENG ON STANNOUS CHLORIDE ACTUATED LIPID PROFILE IN MALE RABBITS. **Fayrouz A. Khaled**, Nesreen A. Abd- Alhady, Sara M Elgazwi, Asian Journal of Research in Chemistry and Pharmaceutical Sciences, ISSN: 2349 – 7106, 8(4), 2020, 425-431.

**51-** Stannous chloride induced alteration in hormones : protective role of ginseng, **Fayrouz. A. khaled** and Hanan. A. ALanani, IJO - International Journal of Applied Science, Volume 3| Issue 12| December | 2020.

**52-** AMALGAMATION AND CHARACTERIZATION OF UNUSED HETEROCYCLIC COMPOUNDS DETERMINED FROM 5-BROMO-2, 3-DI (FURAN-2-YL)-1H-INDOLE**,** Hana A. A. Mageed, Reda F. El- Ezabi, **Fayrouz A. Khaled**, Asian Journal of Research in Chemistry and Pharmaceutical Sciences, **ISSN: 2349 – 7106,** 9 **(2) 2012,97 -103.**

**53-** STANNOUS CHLORIDE INDUCES ALTERATIONS IN BODY WEIGHT AND HEMATOLOGICAL PARAMETERS IN MALE RABBIT, Mariam A. Ibrahim, Eman. K. Saad, **Fayrouz A. Khaled,** Asian Journal of Research in Chemistry and Pharmaceutical Sciences, ISSN: 2349 – 7106, 9 (2) 2012,104 -109.

**54-** IMPACT OF DIMETHOATE ON HEMATOLOGICAL PARAMETERS AND SOME MINERALS IN ADULT MALE RABBITS, Manal. F. Alsanousi and **Fayrouz. A. khaled**, Middle

East Journal of Applied Science & Technology, ISSN: 2582 – 0974,Vol 4,Iss 3,Pages 01-09, July- September 2021.

**55-** Hematopoietic and modulatory effects of leaf extract of Annona muricata on Male adults rabbits, Mariam. A. Ibrahim1 , Eman. K. Saad , **Fayrouz. A. Khaled** and Marfoua. S. Ali, **International Journal of Pharmacy and Life Sciences**, ISSN: 0976-7126,12 (3):50-55,2021.

**56-** Serum Minerals levels in Hemodialysis Patients at El -Beida Hospital, Libya, **Fayrouz. A. khaled**, Sundis. A. A. Albera ,Fathia. F. Mohammed, Sara. M. Elgazwi, International Journal of Pharmacy and Life Sciences, ISSN: 0976-7126,12 (3):50-55,2021.

**57-** Biochemical consider on the defensive role of Ginseng in male rabbits, Om-alsaad E. I. Omar , Eman, G. A. Allafi and **Fayrouz. A. Khaled,** International Journal of Pharmacy and Life Sciences, ISSN: 0976-7126,12 (3):50-55,2021.

**58-** Synthesis and characterization of some new heterocyclic compounds from α, β- unsaturated carbonyl system, Muna A. Othman Salem , Hana A. A. Mageed , Huda S. Muftah , Reda F. El-Ezabi2 and **Fayrouz A. Khaled**, Open Journal of Pharmaceutical Science and Research, Page No: 56-63,2021. DOI: https://doi.org/10.36811/ojpsr.2021.110015.

**59-** In vitro antimicrobial activity screening of new Heterocyclic compounds derived from 5-bromo-2,3-di(furan-2-yl)-1h-indole, Hana A. A. Mageed, Reda F. El- Ezabi and **Fayrouz A. Khaled,** Universal Journal of Chemistry and Applications, Page No: 889-893, 2021. DOI: https://doi.org/10.36811/jca.2021.110033.

**60-** MODERATING IMPACTS OF ANTIOXIDANT PROPERTIES OF GINSENG ON STANNOUS CHLORIDE INDUCED HEMATOLOGICAL PARAMETER IN RABBITS, **Fayrouz. A. khaled**, Osama . H. Aldeeb and Hanan. A. ALanani, INTERNATIONAL INVENTION OF SCIENTIFIC JOURNAL, Vol 6 No 02 (2022).

**61-** Harmful impact of dimethoate and Chloropyrfios on the Hematological parameters in male rabbits, Osama H Aldeeb, Bassam A Ibridan , **Fayrouz A Khaled** and A Shah, International Journal of Biology and Medicine, Page No: 01-10, 2022. DOI: https://doi.org/10.36811/ijbm.2022.110025.

**62-** The role effect of phenolic compounds of graviola on enhance lipid profile in male rabbits, Hameda TA, Fathia MA and **Fayrouz AK,** Universal Journal of Chemistry and Applications, Page No: 07-12,2022. DOI: https://doi.org/10.36811/jca.2022.110038.

**63-** Paracetamol as organic compound induced the decrease in the antioxidant enzymes and thiobarbituric acid-reactive substances in male rabbits, Hameda T Algalbati , Fathia M Atalhi and **Fayrouz A Khaled,** No: 13-20,2022. DOI: https://doi.org/10.36811/jca.2022.110039.

**64-** THE CHEMISTRY EFFECTS OF GARLIC ON HORMONES IN MALE RABBITS, Osama. H. Aldeeb, Eman, G. A. Allafi1 , Nosiba. E. Bohtera and **Fayrouz. A. Khaled**, INTERNATIONAL INVENTION OF SCIENTIFIC JOURNAL, Vol 6 No 05 (2022).

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**66-** ESTIMATION OF THE HEAVY METALS IN THE POISONOUS RABBIT FISH LOCATED ON THE SHORES OF DERNA LIBYA, Salma. M. Alostaomar, Saliha. G. Alsanosy1, Manal. F. Alsanousi and **Fayrouz. A. khaled**, INTERNATIONAL INVENTION OF SCIENTIFIC JOURNAL, Vol 6 No 01 (2022).

**67-** Tramadol injection as dosage form -Induced deterioration in reproductive performance of male rabbits, Abtisam SA , Osama HA , Nosiba EB3 and **Fayrouz AK,** Open Journal of Pharmaceutical Science and Research, Page No: 47-55, 2021. DOI: https://doi.org/10.36811/ojpsr.2021.110014.

**68-** Effect of Tramadol on Hormones and Lipid Peroxidation of male Rabbits, Eman, G. A. Allafi , Om-alsaad E. I. Omar and **Fayrouz. A. Khaled,** Universal Journal of Chemistry and Applications, Page No: 908-913, 2021. DOI: https://doi.org/10.36811/jca.2021.110036.

**69-** Annona muricata L. Suppress Carbon Tetra Chloride Effects through Alleviating Hematological Disturbances in Adult Male Rabbits, Marfoua. S. Ali , **Fayrouz. A. khaled** and Aiman S. Abuajaila ,International Journal of Research and Reports in Hematology, 5(1): 15-26, 2022; Article no.IJR2H.77639.

**70-** Annona muricata L. Suppresses Stannous Chloride Effects through Changing Hematological Parameters in Male New Zealand White Rabbits, Marfoua. S. Ali , **Fayrouz A. khaled** and Hajir Sh Saloumah, Journal of Complementary and Alternative Medical Research 16(4): 251-262, 2021; Article no.JOCAMR.77638 ISSN: 2456-6276.

**71-** STUDY THE ENHANCE ROLE OF GARLIC AND CURCUMIN ON HEMATOLGICAL PARAMETERS IN MALE RABBITS , **Fayrouz A. Khaled** and Rouaida A. Qataf, Asian Journal

of Research in Chemistry and Pharmaceutical Sciences, 9(2), 2021, 110-116. Available online: www.uptodateresearchpublication.com April – June 110, Research Article ISSN: 2349 – 7106.

**72-** Biochemical Study on the Role of Curcumin in Male Rabbits, Sundis A. A. Albera , **Fayrouz A. Khaled** , Marwa J. Said**,** Asian Journal of Research in Biological and Pharmaceutical Sciences, 9(3), 2021, 89-95., Research Article ISSN: 2349 – 4492.

**73-** HEMATOLOGICAL PARAMETERS AND BLOOD SMEAR EFFECTS OF TRAMADOL ON MALE RABBITS , **Fayrouz. A. khaled,** AMAAL. A. Younus and Rui. M. Sale, in press.

**74-** Protective Role Of Garlic To Enhance Semen Quality Of Rabbits Treated With Tramadol, Fayrouz. A. khaled, Zohour. A. Waddni, Ferdows. A. Alokshy, Article No.:107935-JAS-ANSI, in press.

**75-** Di-(2-ethylhexyl) phthalate-induced reproductive toxicity and oxidative stress in male rabbits, **Fayrouz A. Khaled**, Journal of Industrial and Environmental Chemistry, 2021: Volume 5, Issue 2.

**76-** Ginger Suppress Di-(2-ethylhexyl) Phthalate Testicular Toxicitythrough Alleviating Hormonal Disturbances in Male Rabbits, Mokhtar, I. Yousef, **Fayrouz A. Khaled**, Abdel-Aziz, F. Abdel-Aziz, Hanaa, A. Hassan, andKamel, I. kamel, Global Scientific Journal of Biochemistry 1 (2018) 6-10.

**77-** Protective Effect of Zingiber Officinale Against Di-(2-Ethylhexyl) Phthalate (DEHP) Induced Histological Effect in Testes of Adult Male Rabbits, **Fayourz Kahald** ,Hanan Moftah , Fahima Abdelsalam, Ensaf Abdalwahed2, Marfoua Ali, Alq J Med App Sci. 2022;5(2):321-328.

**78-** , Eman GA Allafi, Afya M Jadallah, Azza M Mohammad, Aziza M Abdallah and **Fayrouz A Khaled,** Open Journal of Pharmaceutical Science and Research, OJPSR: September-2022: Study of the relationship between the mortality rate among patients with covid-19 and diabetes in al-bieda city Page No: 01-05. DOI: https://doi.org/10.36811/ojpsr.2022.110016.

**79-** PROTECTIVE ROLE OF VITAMIN E AGAINST THE HARMFUL IMPACT OF CHLOROPYRFIOS ON SEMEN QUALITY AND TESTOSTERONE LEVELS OF RABBITS**.** Ahlam. M. Amharib **, Fayrouz A. Khaled,** Fatima M. Younis, International Invention of Scientific Journal Online ISSN: 2457-0958 Available Online at http://www.iisj.in Volume 06|Issue 09 (September)|2022|Page: 24-37.

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Mohammed , Huda Hassan , Alnagy Ali , **Fayrouz Khaled** , Sumia Mohamed, Alq J Med App Sci. 2022, ISSN 2707-7179.

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**90-** TOXIC EFFECT OFCHLOROPYRPHEUS, DELTAMETHRINAND DIMETHOATE ON BIOCHEMICAL PARAMETERS IN MALE RABBITS. **Fayrouz. A. khaled**, Asma.M. Saleh & Aya. H. Saleh, SEBHA UNIVERSITY JOURNAL OF JOURNAL OF MEDICAL SCIENCES VOL.18 NO.3 2023.

**91-** THE INFLUNCE OF MORINGA OLEIFERA ON LIVER ENZYME AND GLUCOSE IN MALE RABBITS. **Fayrouz A. Khaled** and Amani A. Mohammed, in press.

**92-** The protective role of melatonin against the toxic effect of sodium arsenite on hematological parameters in rabbits. **Fayrouz. A. Khaled** & AMEENAH. S. HUSAYN, in press.

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**94-** Effects of chromium(VI)on body weight and organ weights in male rabbits: the protective role of Moringaoleifera leaf. **Fayrouz. A. Khaled** &Marwa. Moftah. Ali, in press.

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**96-** THE ROLE EFFECT OF MORINGA OLEIFERAON ENHANCE LIPID PROFILE IN MALE RABBITS, **Fayrouz. A. Khaled** &Amani. A. Mohammed, The Annual Medical Congress on Clinical Nutrition and Food Science, in press.

**97-** Impact Of Moringa Oleifera Leaf On Hematological Parameters and Thiobarbituric Acid-Reactive Substances Of Male Rabbits, **Fayrouz A. Khaled** and Amani A. Mohammed, in press.

**98-** Sodium arsenite-induced Liver Injuriesin male rabbits: Ameliorating effect of melatonin, **Fayrouz. A. Khaled** , Ameenah. S. Husayn, in press.

**99-** Influence of stannous chloride on the activity of some serum enzyme (in vivio), Basma. A. Ibridan, **Fayrouz. A. Khaled** , in press

**100-** The comparative study beteewen curcumin and ginger on Blood Glucose and lipid profile in rabbits, Sultana. M. Hussien, **Fayrouz. A. Khaled**, in press.

**101-** The effect the pesticide chloropyfios on biochemical parameters in mail rabbits: the protective role of ginseng, **Fayrouz. A. Khaled** , Fatimah. Y. Sahnoun**,** in press.

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**103-** The role of deltamethrein as insecticide on hematological parameters in male rabbits, **Fayrouz. A. Khaled , MAHA. N. NASSAR, in press.**

## M. Sc. and Ph. D. Thesis Supervision

1. Supervision of master's thesis for the student **Hanaa.Jumaa. Ali. Abdelmola** entitled " **AN IN VIVO STUDY ON REPRODUCTIVE TOXICITY OF TRAMADOL ON RABBITS SPERM AND HORMONES:"THE PROTECTIVE ROLE OF CURCUMIN**"" Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2022.
2. Supervision of master's thesis for the student **HANAN. ADREES MOHAMED ALANANI** entitled **" STANNOUS CHLORIDE INDUCED ALTERATIONS IN HORMONES, HEMATOLOGICAL PARAMETERS AND LIPID PEROXIDATION OF MALE RABBITS: PROTECTIVE ROLE OF GINSEING "** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2021.
3. Supervision of master's thesis for the student **Fatima Mahmoud Younis Ehmeida** entitled **" PROTECTIVE ROLE OF VITAMIN E AGAINST THE TOXIC EFFECT OF CHLORPYRIFOS ON SEMEN QUALITY AND HORMONE LEVELS OF MALE RABBITS"** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2022.
4. Supervision of master's thesis for the student **FERDOWS. ABDULNASER. ABDULQADER. ALEAKSH** entitled " **TRAMADOL-INDUCED CHANGES IN LIPID PEROXIDATION BLOOD HEMATOLOGY AND**

**BIOCHEMICAL PARAMETERS OF MALE RABBITS:PROTECTIVE ROLE OF GLRLIC"** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2021.

5. Supervision of master's thesis for the student **MARWA MOHAMMED SALEM** entitled **" Deltamethrein initiated modifications in hemato-biochemical parameters of male rabbits: defensive role of folic acid** "Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2022.

6. Supervision of master's thesis for the student **MUNA ALI ABDULIAH** entitled **" Protective role of soursop(Annona muricta L) against the toxic effect of carbon tetra chloride on hematological and hormones in adult male rabbits "**Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2019.

7. Supervision of master's thesis for the student **MARWA SAID ABDULAH** entitled **"The Protective role of graviola against carbon tetra chloride – induced hepatoxicity,nephrotoxicity and oxidative stress in male rabbits "**Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2019.

8. Supervision of master's thesis for the student **Hajir Shuayb Saloumah** entitled **" The effect of Annona muricata L . leaves on oxidative stress of stannous chloride through immuno-physiological alterations in adult male rabbits"** Zoology Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2021.

9. Supervision of master's thesis for the student **Ali M. Shoaib Almigherbi** entitled **" Effect of ginger on dimethoate induced liver and kidney injury, oxidative stress and changes in biochemical parameters in rabbits"** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2018.

10. Supervision of master's thesis for the student **Nosiba. E. Mohammed bohtera** entitled **" The protective role of ginger against the toxic effect and oxidative stress from dimethoate on the hematological and hormones in male rabbits "** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2019.

11. Supervision of master's thesis for the student **ZOHOUR. ABDULSALAM. ALBAGHDADI. WADDNI** entitled **" AMELIORATING EFFECT OF GARLIC ON TRAMADOL-INDUCED CHANGES IN REPRODUCTIVE PERFORMANCE AND HORMONES IN MALE RABBITS"** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2022.

12. Supervision of master's thesis for the student **Aysha Tyeb** entitled **"Potential protective effect of Ginseng (Panax) against hematological and some immune-physiological parameters induced by Stannous chloride in NewZealad white rabbits**" Zoology Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2021.

13. Supervision of master's thesis for the student **Safaa K. Mohamma.**entitled **"Dietary effect of graviola on dimethoate induced oxidative stress and changes in biochemical parameters in male rabbits** " Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2020.

14. Supervision of master's thesis for the student **Nesreen Abd-elrhaman Abd-Alhady.** entitled **"Moderating impacts of antioxidant properaties of ginseng on stannous chloride induced aletarations in biochemical parameters and lipid peroxidation of male rabbits** " Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2021.

15. Supervision of master's thesis for the student **Aya Hamad** .entitled " **Role Of Vitamin E In Ameliorating The Chloropyrfios–Induced Changes In Hematological And Biochemical**

**Parameters Of Male Rabbits** " Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2022.

16. Supervision of master's thesis for the student **MOHAMED IDRIS MOHAMED**. entitled **"Role of Propolis in Ameliorating the aluminium -Induced Changes in Oxidative Stress and Semen Quality of Male Rabbits."** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023.

17. Supervision of master's thesis for the student **RANIA SALEH SAEED ALI**. entitled **"Propolis assurance from reproductive toxicity caused by Di-(2-ethylhexyl) Phthalate in male rabbits"."** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023.

18. Supervision of master's thesis for the student ***Asma Maree Saleh***. entitled "TOXIC EFFECT OF DIMETHOATE,CHLOROPYRPHEUS,AND DELTAMETHRIN ON BIOCHEMICAL AND HEMATOLOGICAL PARAMETERS IN MALE RABBITS". Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023.

19. Supervision of master's thesis for the student ***AMANI ABDULRAHMAN MOHAMMED*** Entitled **CHEMICAL PROPERTIES OF MORINGA OLEIFERA AND THE INFLUNCE ON BIOCHEMICAL PARAMETERS IN MALE RABBITS**. Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023.

20. Supervision of master's thesis for the student ***Marwa. Moftah. Ali*** Entitled BIOCHEMICAL STUDY ON THE PROTECTIVE ROLE OF MORINGA OLEIFERA IN RABBITS TREATED WITH CHROMIUM (VI). Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023.

21. Supervision of master's thesis for the student ***Faraj abdullah*** entitled **" Tramadol-induced changes in biochemical parameters of male rabbits: protective role of curcumin " Zoology Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023**.

22. Supervision of master's thesis for the student **Abdulhadi Hussein Esmail Mohammed** Entitled **Study on the Efficacy of Melatonin in Improving the Toxic Effects of Sodium arsenite on the Reproductive System and Hormonal Balance of Male Rabbits** Chemistry Department, Faculty of Science, Omar Al-Mukhtar University/El-Beida - and discussion on 2023.

## Books:

**إعداد كتاب سلسلة الكيمياء الحيوية الجزء الاول (كيمياء الكربوهيدرات)**
**( إجراءات إدارية )**

## Conferences - Workshops - Course, Session… etc.:

1- First international conference of basic sciences and their application. 29th November- 1st December, 2015. Omar Al-Mukhtar University.
2- Second international conference of basic sciences and their application. 25- 27 April 2017. Omar Al-Mukhtar University.
3- Libyan conference on chemistry and it's application.Benghazi University 9-11 May 2017.
4- Workshops International Scientific Dissemination. 30 May 2016.
5- Workshops at chemistry department, Omar Al-Mukhtar University 2017.
6- Member of edit group at Libyan Journal Of Basic Sciences (LJBS) in Faculty of science. Omar Al-Mukhtar University.
7- Scientific conference of the Environment problems and Opportunities of Investment benghazi 17nd – 19th October, 2017
8- • Third international conference of basic sciences and their application. 2nd – 4th October, 2018. Omar Al-Mukhtar University.
9- Fourth Libyan Conference on Medical and Pharmaceutical Sciences 2020 to be held on 06-06-2020 at University of Tripoli Alahlia, Janzur, Libya.
10- Fourth international conference of basic sciences and their application. 2nd – 4th October, 2020. Omar Al-Mukhtar University.
11- Member of edit group at Libyan Journal of Basic Sciences (LJBS) in Faculty of science. Omar Al-Mukhtar University.

12- ورشة عمل في المعهد العلي للعلوم والتقنية شحات حول المجلات العلمية المحكمة / يوم السبت 9 يناير 2021
13- Fifth Libyan Conference on Medical and Pharmaceutical Sciences 2020 to be held on 06-06-2021 at University of Tripoli Alahlia, Janzur, Libya.
14- المؤتمر الدولي للمخدرات والمؤثرات العقلية طرابلس 11 2021.
15- Five international conference of basic sciences and their application. 2nd – 4th October, 2022. Omar Al-Mukhtar University.
16- Six international conference of basic sciences and their application. 2nd – 4th October, 2023. Omar Al-Mukhtar University.
17- The Annual Medical Congress on Clinical Nutrition and Food Science, Libya.
18- The Seventh Annual Conference Science College Misurata University, 2023, Libya.
19- Member of edit group at SILPHIUM JOURNAL OF SCIENCE AND TECHNOLOGY ( SJST) Journal

## V- Scientific Honors:

**تحصلت علي شهادة التفوق للتحكيم من مجلةInternational Journal of Environment and Climate Chang**

## VI- Others:

## VII- Head of Chemistry Department 2016-2018

## VIII- Reviewer for different journals inside and outside of Libya

## IX- Teaching many courses in the faculties of *Science, Medicine, Pharmacy* as well as *Medical Technology*, including General Biochemistry . - Teaching postgraduate courses including Advanced vitamins and hormones , Advanced biochemistry , Advanced nucleic acid, Advanced proteins , Advanced carbohydrate, Advanced lipid, Advanced carbohydrate.