

Curriculum Vitae

Saleh M Rahim



Personal Information:

Name : Saleh M Rahim

Marital status : Married.

Date of birth: July , 1st, 1955.

Place of birth : Kirkuk, Iraq.

Current address: Baghdad road / Aden district / opposite the city of games, No 97/235, Kirkuk /Iraq.

Nationality : Iraqi .

Languages: Arabic, English, French.

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Current and previous academic position:

- a) Professor Dr. 2007- Department of Biology, College of Education and Pure Sciences , University of Tikrit.
- b) Assistant Professor Dr. 1995-2007, Department of Biology, College of Education, University of Tikrit.
- c) Lecturer Dr. 1991-1995, Department of Biology, College of Education, University of Tikrit.

Education and Qualification:

- a) Post-doctorate from the Marine Ecosystems Research Center / National University of Malaysia (UKM) 2013.
- b) Doctor of Philosophy (Animal Physiology), University of Louis Pasteur (Strasbourg 1), Strasbourg, Alsace, France. Thesis: Contribution to the Study of Carbonic anhydrase enzyme Identification of two isoenzymes in erythrocytes and gill epithelia of teleostean fish) (1984 –1988).
- c) DEA (Animal Physiology), University of Louis Pasteur (Strasbourg 1), Strasbourg, Alsace, France, (1983 –1984).
- d) Bachelor of Education (Biological Science), University of Baghdad, Aljadrya, Baghdad, Iraq, (1977 – 1980).

Current and Previous Administrative Appointment

- a) Editor in chief (1994-1997), Tikrit Journal of Pure Sciences University of Tikrit.
- b) Dean of the faculty (2003-2004), Faculty of Education University of Tikrit.
- c) Head of the department (1999-2003), Department of Biology Faculty of Education, University of Tikrit.
- d) Head of the Research Center (2008–2012), University of Tikrit.
- e) Academic Visitor: Marine Biology Dept., College of nvironmental Science&Marine biology , University of Hadhramout for Science and Technology / Republic of Yemen.(2001 - 2002).

f) Training program : School of bioscience, Faculty of Sciences and Technology, University Kebangsaan Malaysia / Malaysia (2011-2012).

Scientific Journal Publications:

1. AL-obaidy HMA, Rahim SM, Al-Khesraji (2019) Antioxidant and hyperlipidemia effect of Ganoderma lucidum fungus alcoholic extract in male albino rats using Triton WR 1339. Kirkuk University J Scientific Studies, In Press.
2. AL-obaidy HMA, Rahim SM, Al-Khesraji (2019) Biochemical and histological effects of the Ganoderma lucidum alcoholic extract against experimentally induced hyperlipidemia in male rats. Al-utroha, In Press.
3. Nasseif EH and Rahim SM (2019) Serum prostate specific antigen level in pre- and post-menopausal healthy women and in women with breast cancer and its correlation with some reproductive hormones in Kirkuk city. The Alutroha J Scientific, In Press.
4. Mazumder SK, Das SK, Rahim SM, AB Mazlan (2018). Temperature and diet effect on the pepsin enzyme activities, digestive somatic index and relative gut length of Malabar blood snapper (*Lutjanus malabaricus* loch & Schneider, 1801). Aquaculture Reports 9 :1–9
5. Al-Samarrai AHJ, Al-Samarrai RRH, Rahim SM (2018). Isolation and Identification of Flavonoids in Iraqi Rheum ribes Root. Eurasian Journal of Analytical Chemistry.13(6), em66
6. AbdulWahed AMH, Rahim SM, Al-samarrai AHM (2018). Effect of hot aqueous extract of Rheum ribes roots on some hormonal and biochemical parameters in induced Polycystic Ovary Syndrome in local female rabbits. Eurasia J Biosci 12, 419-423.
7. Mukhlif MH, Rahim SM (2018). Comparison of the effect of the alcoholic extract of leaves and fruits of hawthorn plant *Crataegus azarolus* with the drug simvastatin in its effect in reducing cardiovascular disease in male rabbits with experimental fat disorder. Tikrit Journal of Pure Science 23 (8): 30-37

8. Rifatt MG, Rahim SM (2017). Relationship between serum Prostate Specific Antigen (PSA) in women with polycystic ovary syndrome and some reproductive hormones in Kirkuk city. *Tikrit Journal of Pure Science* 22 (11):34-39.
9. Ahmed MA, Rahim SM, Hamid AKH (2017). Zinc deficiency and therapeutic role of sesame seeds on some physiological aspects of reproduction and growth in pregnant rats and its neonates. *Tikrit J Pure Science* (3) 22:72-78.
10. Talib A H, Mubark ZM, Rahim SM. (2017) Effect of using L_arginine in reducing the heart toxicity produced from use Doxorubicin anticancer drug on some hormones in the experimental male rabbits. *Tikrit J Pure Science* (8) 22:42-47.
11. Talib A H, Mubark ZM, Rahim SM. (2017) Effect of using L_arginine in reducing the heart toxicity produced from use Doxorubicin anticancer drug on some hormones in the experimental male rabbits. *Tikrit J Pure Science* (7) 22: 29-34.
12. Razooqi QA, Rahim SM, Abdou-Rahman SJ. (2017). Estimate the level of the balance of oxidants - antioxidants in plasma and semen of healthy males and local rabbits exposed to oxidative stress induced cadmium chloride and preventive role of pomegranate juice against the state of oxidative stress. *Tikrit J Pure Science* (4) 22: 79-86.
13. Razooqi QA, Rahim SM, Abdou-Rahman SJ. (2017). Study the protective role of pomegranate juice compared L-carentin the fertility of male local rabbits against the toxicity of cadmium chloride. *Tikrit J Pure Science* (7) 22: 40-48.
14. Hamza SM, Abd-Alrahman SJ, Rahim SM (2016). Alterations in Some Infertility Related Biomarkers in the blood of Women with primary Infertility. *International Interdisciplinary Research Journal*, V-VI, Issue-IV: 15-22.
15. Hamza SM, Abd-Alrahman SJ, Rahim SM (2016). Correlation between Levels of Serum Antioxidants and Numerous Hormones in Primary Infertility of Women. *International Journal of Scientific Research in Science, Engineering and Technology*. (2) 3:801- 806.

16. Zainal Abidin DA, Hashim M, Das SK, Rahim SM, Mazlan AG (2016). Enzymatic digestion of stomachless fish *Zenarchopterus buffonis*. *AACL Bioflux*, 9(3) :695-703.
17. Al-Samarray YSY, Rahim SM, Al-Ataby SMH (2016) The extraction of *Cnicus benedictus* root effect on cancer cell line. LAMBERT academic publishing.
18. Al-Samarray YSY, Rahim SM, Al-Ataby SMH (2016) Antibacterial activity of ethanolic extract of leaves of the blessed thistle (*Cnicus benedictus* L.). *Pharmaceutical Sciences (AJPS)*.
19. Mazumder SK, De M, Mazlan AG, Zaidi CC, Rahim SM, Das SK (2015). Impact of global climate change on fish growth, digestion and physiological status: developing a hypothesis for cause and effect relationships. *Journal of Water and Climate Change* 6 (2), 200-226.
20. Al-Samarray YSY, Rahim SM, Al-Ataby SMH (2015) The Cytotoxicity Effect of Ethanolic Crude Extract of *Cnicus benedictus* Leaves on the Murine mammary adenocarcinoma Cell Line AMN-3. *Iraqi Journal of Cancer and Medical Genetics* 8 (1), 72-78
21. Diana AZ, Mazlan AG, Marina H, Mastura SS, Cobe ZC, Rahim SM, Das KS (2014) Comparative study of the fine structures of gills among three co-existing mudskipper species. *Malayan Nature Journal*, 66(1and2), 121-131.
22. Rahim SM, Taha EM, Al-janabi MS, Al-douri BI, Das KS, Mazlan AG (2014) Hepatoprotective effect of *Cymbopogon citratus* aqueous extract against hydrogen peroxide -induced liver injury in male rats. *Afr J Tradit Complement Altern Med*. 11(2):447-451.
23. Rahim SM, Mazlan AG, Das KS, Delaunoy JP, Laurent P (2014). Immunocytochemical localization of carbonic anhydrase in the pseudobranch tissue of the rainbow trout *Oncorhynchus mykiss*. *J Zhejiang Univ-Sci B (Biomed & Biotechnol)* 15(2):194-200.
24. Abdulla KK, Taha EM, Rahim SM (2014). Phenolic profile, antioxidant, and antibacterial effects of ethanol and aqueous extracts of *Rheum ribes* L. roots. *Der Pharmacia Lettre*, 6 (5):201-205

25. Al-Iesawi MHZ, Rahim SM, AL- mahdawe ZMM (2014) The protective role of green tea beverage in decrease the side effects of Doxorubicin drug in some biochemical and liver tissue in Male domestic rabbits. *Journal of Tikrit University for Agriculture Sciences* 14 (2), 295-306.
26. Rahim SM, Raddam QN, Mubark ZM (2014) Effect of *Cymbopogon citratus* water extract in level of glutathione, liver activity, the cellular and tissues changes in local rabbits treated with hydrogen peroxide and Alcohol. *Journal of Tikrit University for Agriculture Sciences* 14 (1), 19-34.
27. Rahim SM, Abdurrahman SJ, Taha EM, Hassan HF, A. G. Mazlan, Das KS (2013) Immunohistochemical and Partial Characterization Studies of Carbonic Anhydrase in the Brain of Teleost Fish *Cyprinus carpio*. *Turkish Journal of Fisheries and Aquatic Sciences* 13: 341-347
28. Bashir FH, Othman MS, Mazlan AG, Rahim SM, Das KS (2013). Heavy Metal Concentration in Fishes from the Coastal Waters of Kapar and Mersing, Malaysia... *Turkish Journal of Fisheries and Aquatic Sciences* 13: 375-382
29. Rahim SM, Taha EM, Mubark ZM, Aziz SS, Das KS, A. G. Mazlan ((2013). Protective effect of *Cymbopogon citratus* on hydrogen peroxide-induced oxidative stress in the reproductive system of male rats. *Systems Biology in Reproductive Medicine*, 1-9.
30. Mohammed JW, Rahim SM, Alhumesh (2013) Effect of effective microorganisms (EM) On Renal Function in Normal and alloxan induced diabetic Male Rat. *Tikrit Journal of Pure Science* 18 (1), 56-63.
31. AL-Mahdawi ZM, Taha MM, Rahim SM, AL-Neimi AT (2012) Study of some Physiological and Biochemical parameters of Rheumatoid Arthritis patients in Tikrit. *Tikrit Journal of Pure Science* 17 (2), 35-37.
32. Wadah MJM, Sheet WM, Rahim SM, ALhumesh MJ (2012) Effect of Effective Microorganisms (EM) in Blood Sugar Contrition and Some

Biochemical Parameters in Normal and Alloxan Induced Diabetic Male Rat. Rafidain journal of science 22 (2A), 1-15.

33. Abdalrahman SJ, Mubark ZM, Rahim SM (2010) A Study of Physiological and Biochemical Effects of Eruca Stavia Leaves extract on the Blood of Albinino Male Rats (*Rattus Norvegicus*) Exposed to Oxidative Stress. *Al-Ma'mon College Journal*, 240-254.
34. Yousif MN, Murbat MM, B M Majeed, Rahim SM (2009) Estimation of malondialdehyde as oxidative factor & glutathione as early detectors of for hypertension pregnant women. *Tikrit Medical Journal* 2 (2), 113-116.
35. Yousif MN, Murbat MM, Rahim SM (2009) Estimation of serum zinc, sodium & potassium in normotensive & hypertensive primigravida pregnant women. *Tikrit Medical Journal* 2 (2), 72-80.
36. Rahim SM (2008) Effect of Obesity on Some Liver Functions, Biochemical and Blood Parameters in Adult. *Tikrit Journal of Pure Science* 13 (3), 206-213.
37. Rahim SM, Abd Jabar RA, Al-humesh MJM (2007) Estimation of Cd,Zn,Cu, in the blood of Fertilizer industry employe. *Mosul Uni. Journal of Science & Education* 19 (3), 44-52.
38. Rahim SM, Abd Jabar RA, Al-humesh MJM (2007) Determination of some gases quantity & Its effect on blood character at Fertilizer industry employe. *Mosul Uni. Journal of Science & Education* 19 (3), 67-76.
39. Rahim SM (2007) Study the effect of Grapefruit juice *Citrus paradise* on blood glucose level and some biochemical parameters in normal and experimentally diabetic male rats. *Tikrit Journal of Agrcultural Science* 7 (2), 132-145.
40. Rahim SM (2007) Immunohistochemical and biochemical studies of the enzyme carbonic anhydrase in the CNS of common Carp, *Cyprinus carpio*. *Journal of Agricultural Science* 7 (2), 132-145.
41. Rahim SM, Hassan HF (2007) Adenosine Metabolism in the Parasitic Helminth *Diriofilaria Immitis*. *Tikrit Journal of Pure Science* 12 (1), 182-187.

42. Al-Muhmmady QNR and Rahim SM (2006) The effect of water and alcohol extract of *Cymbopogon citrates* on blood Glucose level and Some Biochemical parameters in normal and experimental Diabetic Male Rats. *Tikrit Journal of Pure Science*, vol. 11, No. 2, pp.91-97.
43. Rahim SM and Al-Douri AY (2006) Some physiological effect of several plant extracts in experimentally diabetic Rabbit. *Mosul Uni. Journal of Science & Education* 18 (3), 63-72.
44. Rahim SM (2006) The effect of Water and alcohol extract of *Cymbopogon citratus* on blood Glucose level and Some Biochemical parameters in normal and experimental Diabetic Male Rats. *Tikrit Journal of Pure Science* 11 (2), 66-72.
45. Mohammed AK, Hassan HF, Rahim SM (2006) Effect of some plant extracts on blood sugar. *Kirkuk uni. journal for scientific studies* 1 (1), 13-23.
46. Abdoul-Rahman SJ, Rahim SM (2002) Study of some biochemical properties of the enzyme carbonic anhydrase in the central nervous system of common carp (*Cyprinus Carpio*). *Tikrit, Journal of Pure Science* 8 (1), 13-26.
47. Namiq MF, Rahim SM, Hassan HF (2001) Study of some biochemical properties of the enzyme carbonic anhydrase in erythrocytes of common carp fish *Cyprinus carpio*. *Tikrit, Journal of Pure Science*, vol.7, No.1, pp.16-31.
48. Namiq MF, Rahim SM, Hassan HF (2001) Study of some biochemical of the enzyme carbonic anhydrase in gill tissues of carp fish, *Cyprinus Carpio*. *Tikrit Journal of Pure Science*, vol.7, No.1, pp.1-15.
49. Ahmad MI and Rahim SM (2001) Comparison the response of the sexual rabbits to dietary vitamin c under hot climate in Iraq. *Tikrit, Journal of Pure Science*, vol.1, No.1, pp.37-42.
50. Ali SB, Rahim SM, Ahmad MI (2001) The effect of vitamin c (ascorbic acid) as anti – heat stress factor on some productive function and blood components of local bucks. *Tikrit Journal of Pure Science*, vol.1, No.2, pp.79-86.

51. Rahim SM, Delaunoy JP, Laurent P (1988) Identification and immunocytochemical localization of two different carbonic anhydrase isoenzymes in teleostean fish erythrocytes and gill epithelia. *Histochemistry* 89 (5), 451-459.

Conference Publications:

1. Mohamed AJ and Rahim SM (2018) Serum prostate specific antigen level in pre- and post-menopausal women with breast cancer and its correlation oxidative stress parameters in Kirkuk city. The 1st international conference and 3rd Scientific of college of Science, December 2018.
2. AbdulWahed AMH, Rahim SM, Al-samarrai AHM (2018) In vitro evaluation of DPPH free radicals scavenging activity, reducing power and cytotoxicity of rheum ribes root extracts. Meeting on Nanotechnology: Principles and Application, Malaysia
3. RTT Ahmad ZM Mubarak, SM Rahim (2012) Study the effect of a number of nutrients on the levels of some electrolytes in the human body. 2nd Scientific Conference - Faculty of Science - University of Tikrit 2012, PP 276-283
4. Sadiq LA, Rahim SM, ZM Mubarak (2012) Study of a number of parameters of oxidative stress in aborted women in the city of Kirkuk. 2nd Scientific Conference of the Faculty of Science, Tikrit University (24-25 September).
5. Al-Jumaily AQ, Mubarak ZM, Rahim SM (2012) Study of levels of anti-mullerian hormone and a number of sex hormones in healthy women, fetuses, pregnant women and newborns in Kirkuk. 7th Scientific Conference of the Faculty of Education for Pure Sciences. Tikrit Uni. (6-7) May.
6. Sadiq LA, Rahim SM, ZM Mubarak (2012) A study of the effect of concentrations of some hormones in women aborted in Kirkuk. 7th Scientific Conference of the College of Education for Pure Sciences, Tikrit University (6-7) May.
7. Zaidan MM, Mubarak ZM, Rahim SM (2012) Protective role for L-Carnitine to reduce the side effects of the drug Doxorubicin through

- some biochemical parameters. 2nd scientific conference of College of Science, 25-25 September, Tikrit university.
8. Rahim SM, Kadir MA, Mubarak ZM (2012) Study of the effect of oxidative stress on athletes in lipid peroxidation, a number of antioxidants and the effect of some plant extracts on stress reduction. 2nd scientific conf. College of Science, Tikrit University.
 9. Mubarak ZM, Ahmad MS, Rahim SM (2009) Biochemical study of the effect of a number of pollutants emitted from the Baiji thermal power station on employees. 6th scientific conference of Education college, Tikrit Uni, 24-25 March.
 10. Mubark ZM, Rahim SM (2009) Study of some physiological parameters and prostaglandins concentration in asthma patients. Proceeding of the 6th conference in biological science. College of Education Uni. of Tikrit 24-25 March-2009.
 11. Mubark ZM, Abdoul-Rahman SJ, Rahim SM (2009) Effect of *Eruca sativa* leaf extract on some male reproductive system of albino rats (*Rattus norvegicus*) exposed to oxidative stress. Proceeding of the 6th conference in biological science. College of Education Uni. of Tikrit 24-25 March-2009.
 12. AL-kotbi HA, Al-Bayaty NH, Rahim SM (2009) Estimation of Fibrinogen in Hypertensive pregnant women. Proceeding of the first scientific conference college of science.
 13. AL-kotbi HA, Al-Bayaty NH, Rahim SM (2009) Study the changes of magnesium level through the pregnant period. Proceeding of the first scientific conference college of science.

Supervision of doctoral theses:

1. Ziadoon Fawzi Mukhlif / Study of physiological and genetic variables in laboratory animals infected with experimental diabetes (On going 2019).
2. Asma Hassan Jumaa Al- Samarrai /Biochemical , physiological and Histological Study for the plant roots of *Rheum ribes* against atherosclerosis that induced with Triton x100 in male local adult rabbits (2018).

3. Assel Mokdad Hatam Abdulwahed/ Pharmacological effect of *Rheum ribes* extract on induced Polycystic Ovary Syndrome in Local Female Rabbits (2018).
4. Khalida Khaleel Abdulla/ Estimation of the level of hormone Hepcidin and Copeptin in males and females patients with hyperlipidemia and its relationship to some biochemical variables in Salah al-Din Governorate (in progress 2019).
5. Qais Assi Ahmed / Effect of Hydroxytyrosol and local olive oil extract on histological and physiological changes resulting from induced hyperlipidemia in male rats (2019 in progress).
6. Khder Najem Abdullah / Effect of high doses of vitamins and minerals on some physiological and histological aspects in female rats (2019 in progress).
7. Ayat Ali Saleh / Evaluation of the hypolipidemic activity of aqueous and alcoholic extract of the fungus *Trametes* spp. in healthy and Triton WR-1339 - induced hyperlipidemic male rats (2019 in progress).
8. Hussein Mohammed Abdulla Al-Obaidy/ Improved level of hyperlipidemia and a number of physiological, biochemical and histological parameters induced by Triton WR 1339 by *Ganoderma lucidum* extract in male rats (2019).
9. Qasim Aziz Al-Janabi / Preventive activity of pomegranate juice, clove extract and carnitine in the male reproductive system of healthy rabbits exposed to cadmium chloride (2016).
10. Abeer Taleb Abdulqader Al-Naimi / Comparison of Arginine and Melatonin usage for Prevention of Cardiovascular Diseases induced by Doxorubicin and Hydrogen Peroxide in Male Rabbits (2016).
11. Maser Abdullah Ahmed / Study of the effect of zinc deficiency as an antioxidant food supplement on a number of physiological and histological parameters in rats and embryos and the therapeutic role of some food and medicinal plants (2016).
12. Yousif Shukuri Yassin Al-Samarrai / Biological Effects of Aqueous and Alcoholic Extract of Root and Leaves of the Thorns *Cnicus benedictus* L in vivo and in vitro (2015).
13. Su"adod Osama Al-Khateeb/ Effect of water extracts of *Crocus sativus* L and *Zingiber officinale* in physiological changes and

- histological and biochemical induced by hydrogen peroxide in male rats (2013).
14. Wedad Mahmood L. Al-Obaidy/ Effect of many Medical Plant extracts in Melatonin Hormone Concentration and some of Physiological and Histological parameters in Albino male rats (2012).
 15. Afrah Qassim Saleh / Comparision level of inhibin , anti-mullerian hormones & number of other hormones changes in some women with infertility, pregnancy & postpartum in Kirkuk city (2012).
 16. Layla Abdul-Sattar Sadiq Sulaiman Laylani / Oxidative Stress Relationship with Some Physiological, Biochemical and Histological Factors in Inducing Abortion in Pregnant Women in Kirkuk (2012).
 17. Mowaffaq Mutlaq Zaidan Al-Issawi / Comparative Effect of L-carnitine and Aqueous Extract of Green Tea in Reducing Some Anti-Cancer Drug Side Effects in Male Rabbit (2012).
 18. Qusay Nouri Radam Al-Mohammadawi / Study of the effect of aqueous Cymbopogon citratus extract on neurotransmitter hormones and some physiological factors in the brains of elderly mice (2012).
 19. Mustafa Ali Abdulrahman / Study of some pharmaceutical contaminants and daily work efforts in heart and kidney physiology as well as some other physiological factors for pharmaceutical industry employees (2011).
 20. Munif Saab Ahmed Sajat Al-Janabi / Physiological and Biochemical Study on the Effect of a Number of Pollutants Emitted from Baiji Thermal Power Plant on its Employees (2008).
 21. Sahib Jumaa Abdulrahman / Physiological and biochemical effects of a number of plant extracts in the blood and reproductive system of male albino rats (2008).
 22. Musa Jassim Mohammed Al-Humeesh / Effect of Some Contaminants Released from Fertilizer Industry on Biochemical Characteristics and Blood Functions of its Employees (2004).

Supervision of M Sc theses:

- 1- Alyagthan Ali Saleh: Protective effect of Adiantum-capillus –veneris alcoholic extract on oxidative stress-induced haemolytic anaemia and associated cardio-hepato-renal dysfunctions in rats (2019, On going).

- 2- Iman Saad Namis: Protective effect of *Adiantum-capillus –veneris* alcoholic extract on male rats treated with Adriamycin drugs used in cancer diseases (2019, On going).
- 3- Zynab waleed Djasim/ Study of the prevalence of head lice among school children in the city of Kirkuk and its effect on the oxidative – antioxidants status (On going 2019).
- 4- Asmaa Jamal Mohammed/ Determination of oxidative stress and level of specific prostate antigen in women infected breast cancer in the city of Kirkuk(2019).
- 5- Abdul Rahim Hamad Eifan Al-Mohammadi / Preventive Effect of *Rheum ribes* Root Extract on the Reproductive System of Male Rats with Hydrogen Peroxideinduced oxidative Stress (2017).
- 6- Muhanned H Mukhlif Alobaidy/Study Of The Effect Of Wild Hawthorn Extract *Crataegus azarolus* In Reduction Of Cardiovascular Risk Factors And Improvement Of Oxidative Stress In Male Rabbits With Experimental Lipid Disorder(2018).
- 7- Ayat Ali Saleh Hussien Aljubori/ The protective effect of aqueous and alcoholic extracts of *Alhagi maurorum* plant against experimentally created liver damage in male using CCl₄(2015).
- 8- Bashaer Ibrahim Hamdi Mahmud/ Hepato prptective and antioxidant effect for aqueous extract of arab gum from acacia Senegal tree in sera of healthy mouse and hepatotoxic induced by CCl₄(2015).
- 9- Khalida Khalil Abdullah / hepatic and antioxidant and bacterial preventive activity of aqueous and alcoholic extract of the roots of rhubarb *Rheum ribes* in males of local rabbits infected with hepatotoxicity induced by carbon tetrachloride CCl₄ (2015).
- 10- Bushra Ismael Al-Doury / Protection effect of *Cymbopogon citratus* water extracts on liver function test & other related parameters in experimently exposed oxidative stress male Rats (2011).
- 11- Saadia Kader / Physiological effect of *Lawsoniainermis* water extract as antioxidant in some biochemical parameters in exprimently exposed oxidative effect male Rats (2011).

- 12- Raghad Mughdad Al-hamdany / Study the pollution effect of Lead and some gases on the people in Tikrit city (2011).
- 13- Amina Ahmad Tayess / Study of prevalence and causes of women infertility in Salahuddin governorate (2011).
- 14- Hanan shihab Ahmad / Study of some biochemical & hematological parameters in Gout patients in Tikrit city (2011).
- 15- Marwa Ahmad Kader / A study of oxidative stress in number of sportsmen and compare the effect of some plant aqueous extracts in reducing it (2011).
- 16- Al-mossa Al-faraj R / Effect of some steroidal contraceptive type in liver function and number of biochemical parameters in women (2011).
- 17- Salam Salih Aziz Al-Hiali / The protective effect of the aqueous extract of *Cymbopogon citratus* on male reproductive system of rats exposed to oxidative stress (2010).
- 18- Amal Mahroz Abdulla Al-kaiysi / Study some of physiological and biochemical parameters in patients with thyroid gland disorders (2011).
- 19- Raghad Tahssen Thanon Ahmad / Effect of a number of foods on the secretion of neurotransmitters "dopamine, serotonin and adrenaline" in the human body (2010).
- 20- Hala Hashim Daham Al-Zubaidy / Study the effect of radiotherapy and chemotherapy in several physiological and biochemical parameters in cancer patients (2010).
- 21- Ruaa Hussien Alwan Aljuboori / The effect of pregnancy on some liver functions and blood biochemical changes in pregnant women from AL-ALam City (2009).
- 22- May Nafea Yousif / The determination of some levels of antioxidants and number of physiological parameters in blood in hypertensive pregnant women: diagnostic study (2009).
- 23- Nagham Hasan Al-Bayaty (2009) Physiological study of some parameters in erythrocytes and blood serum from hypertensive pregnant women in tikrit city (2009).

- 24- Abeer Talib Al-Neuami / Study of some physiological and biochemical parameters of rheumatoid arthritis patients in tikrit city (2009).
- 25- Rasha Shamel Al-Douri / The effect of obesity on kidney functions and some biochemical and haematological parameters in salahaddin (2009).
- 26- Qusai Noori Al-Muhamady / Study the effect of water and alcohol extracts of *Cymbopogon citratus* on glucose level and some biochemical, histological parameters in blood serum of normal and experimental diabetic male Rat Sprague dawley (2009).
- 27- Wadah Jasim Mohammed / Effect of effective microorganisms (EM) in blood sugar concentration and some biochemical and histological parameters in normal and alloxan induced diabetic male rats (2009).
- 28- Wassan S O Al-shammary / Study on the osmotic fragility rate of red blood cells and their relationship with some biochemical characteristics of patients suffering from some heart diseases (2008).
- 29- Qasim Aziz Razooqi Al-Janabi / Study the effect of grape seeds water extract in oxidative stress induced by hydrogen peroxide in male rats (2008).
- 30- Saymaa Abaulrahman Rajab / Study of some physiological parameters and concentration of prostaglandins in the asthmatic patients (2008).
- 31- Hussien Mohamed Tayyaoui Al-Jubori / Study the effect of lemon grass water extract *Cymbopogon citratus* and comparing it with vitamin C on experimently exposed oxidative stress male rats (2008).
- 32- Maiser Ahmad Abdulla / Effect of hyper-Insulin level on some blood biochemical characteristics in white male rats (2007).
- 33- Anas Yassin Hayaoui Al-Douri / Physiological effect of some plant extract on experimently diabetic Rabbit (2006).
- 34- Buthaina Jassim Yousif Al-jubouri / Effect of some plant extracted compounds on the growth and Metabolism of *LEISHMANIA DONOVANI* (2003).

- 35- Ahmad Kamal Mohammed / Effect of some plant extracts on blood sugar level in normal and experimentally diabetic male rats (2003).
- 36- Israa Hashim Ali / Effect of hypervitaminosis D3 (cholecalciferol) as a cause of external and histological malformations on pregnant mice musmusculus and their offsprings (2002).
- 37- Sahib Jumma Abdulrahman / Study of some biochemical properties and histochemical localization of the enzyme carbonic anhydrase in the central nervous system of common carp (Cyprinus carpio) (2002).
- 38- Munef Saab Ahmad Al- Janabi / Effect of tannin on some physiological and biochemical aspect on Broiler Chickens (2001).
- 39- Muzain Fadli Namiq / Study of some biochemical properties of the enzyme carbonic anhydrase in erythrocytes and gills tissues of carp fish, Cyprinus carpio (2000).
- 40- Iktifa Abdulhamid Al-kumait / The menarchal effect on some blood components of girls in tikrit city (1999).

Supervision on Diplome thesis:

1. Marwa Ghazi Riffat Baker / A study of the relationship between Prostate specific antigen and anti-mullerian hormone and oxidative stress status in women with polycystic ovary syndrome in Kirkuk city and its suburbs (2017).
2. Enass Hussein Nasief Al-obaidy / Serum prostate specific antigen level in women with breast cancer and its relationship with some reproductive hormones in Kirkuk province (2019).

Science and Research links:

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