**Curriculum vitae (C.V)**

**Personal details:**

Name: **Dr. Ismail Mustafa Maulood**

**Academic position:**  Professor of Physiology

Date and place of birth: 1/7/1968 Erbil-Iraq

Marital status: married

Home address: Erbil- New Zanko Village

**Address:** Department of Biology, College of Science, University of Salahaddin, Erbil, Kurdistan, Iraq

e-mail: [ismail.maulood@su.edu.krd](mailto:ismail.maulood@su.edu.krd) or Ismail.physiology@gmail.com

Nationality ID. No. 445972

Civic ID. No. 121934

**Educations:**

B.Sc. in Biology- University of Salahaddin-Erbil/College of Science /Biology Department 1992.

M.Sc. in Animal Physiology- University of Salahaddin-Erbil/College of Science /Biology Department 1995.

Ph.D. in Animal Physiology- University of Salahaddin-Erbil/College of Science /Biology Department 2005

**Scientific and Academic committees**

1. Examining committee of B. Sc. students
2. Participation in ten examining committee of M. Sc. Thesis
3. Participation in three examining committee of Ph. D Dissertation
4. Supervising B. Sc. projects And 6 M. Sc. students

**Subjects under teaching**

1-Animal Physiology

2- Endocrinology

3-Cell Physiology

4-Brain physiology

5-Cardiopulmonary physiology

6-Cell biology

7-Hematology

8-Practical animal physiology

9-Practical human physiology

10-Practical hematology

11-Priciples of Statistics

12-Biostatistics

13- SPSS program and Graphpad prism

14-Anatomy and Physiology

15-Applied Physiology

16-Advanced cell physiology

17-Advanced Endocrinology

18-Fish physiology

**M .Sc. and Ph.D. thesis which I have been as a supervisor**

1. **Sarkawt Hamadamin Hamad , M Sc. 2013**

Hemodynamic and Renal Effects of Bosentan and Losartan in Two kidney-One Clip, Endothelin-1 and Angiotensin II Induced-Hypertensive Rats

1. **Sara Muhammed Khidhir, M Sc. 2014**

Mechanism of the relaxant effects of melatonin via NO/cGMP pathway in male rat isolated aorta and trachea

1. **Ali Zainal Omer , MSc. 2016**

Inhibition of Angiotensin and Endothelin Converting Enzymes Mediate the Vascular Activity of Bradykinin in Hypertensive Rats

**4- Chiman Meerkhan Jawdat, MSc 2017**

Elevation of Endothelin-1 levels in Hyperthyroid Patients and Its Receptor Activity in Induced-Hyperthyroid Isolated Rat Aorta

**5-Sardar Qader Othman , MSc. 2017**

Effects of radon exposure on oxidative stress and hemodynamics in rats : Role of melatonin

**6-Awat Yaseen Hasan , M Sc 2017**

Vasoactivities of nitric oxide and hydrogen sulfide in mesenteric arteries of human colorectal cancer

**7- Ahmed Hasan Ahmed , Ph D 2017**

The roles of potassium channels in U-II induced aortic contraction and hypertension in HgCl2 treated rats ( Under publication)

**Training courses, Workshop and conferences:**

1-SPSS course, During one month in Salahaddin University-Erbil Erbil-Kurdistan, Iraq

2-Coputer science DOS during one month in RAM institute.

3-Coputer science ( Window) in Salahaddin University-Erbil Erbil-Kurdistan, Iraq

4-Mid-level English language course during 1.5 month in Salahaddin University-Erbil –College of Arts, Erbil-Kurdistan, Iraq

5-The intensive English program ( Interchange level) using the MELIK English Book 3B from March 25-May 24-2006 in Salahaddin University-Erbil Erbil-Kurdistan, Iraq

6-The summer intensive English program ( Interchange level) using the MELIK English Book 3B from July 9-September 4, 2005 in Salahaddin University-Erbil Erbil-Kurdistan, Iraq

7-The Use of PowerLab Data Acquisition System in Teaching and Research October 26-27, 2001 University of Zakho Kurdistan-Iraq

8-The Use of PowerLab Lab Chart and Lab Tutor as an Efficient Practical Teaching System. October 27-28, 2010 University of Zakho Kurdistan-Iraq

9-The ADInstruments workshop in teaching and research held at the Jordan University of Science and Technology 4-6th September, 2007

10-Second powerlab workshop and new technique in Bio-Science, December, 29-30/2008, in Shahid Beheshti Medical Science University, Tehran, Iran.

11-The 2nd Kurdistan conference on biological sciences. University of Duhok 6-8 May, 2008.

12-The 3rd Kurdistan conference on biological sciences. University of Duhok 4-6 May, 2010.

13- 4th International Scientific Conference of Salahaddin University-Erbil October 18-20,2011 Erbil-Kurdistan, Iraq

14-The 1st International Scientific conference . University of Zakho 23-25 April, 2010.

15-9th IBRO curse in Neuroscience Salahaddin University-Erbil,9 March 2014

16-1st Erbil Polytechnic University Symposium ,8-9/2016

17-Applying of plagiarism an grammarly for writing research and thesis, 23/5/2016

18-On online database and their role in advancing scientific research in higher education,19-20 May 2017

19- The 2nd International Scientific conference . University of Zakho 18-20 April, 2017.

20-Principles of Forecasting with R workshop , 3-5 May 2017

21-6th ICOWBAS International Conference and Workshop on basic and Applied Science, 18-19 May 2017

22-Modern Approaches to Neuro-Oncologic Disease, 18 January 2017

23-1st International Conference of Natural Science 11-12 July, 2016 Charmo University

24-2nd international conference college of Medicine –Hawler Medical university 22nd -24th November, 2017 Erbil ,Kurdistan,Iraq

25-1st international conference on pure and applied science ICPAS 2018 ,23rd -24th at Koya University KRG-Iraq

26-Turnitin (Anti plagiarism Software) training workshop session ,2-4 December /2017

**Experience:**

Assist. Lecturer in College of Science 1995.

Lecturer in College of Science 2005- 2010.

Assist. Prof. from 23/11/2010

Professor from 19-9-2017

**Skills**

Computer skillsMS Windows;

MS (Word, Excel and Power Point Presentation)

SPSS and Graph pad prism programs

Labchart (ADInstruments);

Language skills Kurdish (native speaker)

Arabic (good)

English (good)

**Membership of professional bodies:**

Membership of Kurdistan Teachers Union (KTU).

Membership of Biology syndicate from 2006.

Membership of International Brain Research organization ( IBRO organization )

**Researches published :**

1-Effects of melatonin and continuous bright light on plasma endothelin-1 level, some biochemical and hematological parameters in rats with diabetes mellitus, *Zanko journal* from University of Salahaddin-Erbil, 2010

2-Effects of L-arginine on Plasma Endothelin-1 level in Rats with Induced Diabetes Mellitus or Pulmonary Fibrosis , 4th Internaltional Scientific Conference of Salahaddin University-Erbil October 18-20,2011 Erbil-Kurdistan, Iraq

3-Effects of Pepsi and coca cola on oxidative stress, serum calcium, renal function tests , some haematological variables and organ weights in albino rats, 4th Internaltional Scientific Conference of Salahaddin University-Erbil October 18-20,2011 Erbil-Kurdistan, Iraq

4-Protective roles of L-carnitine on some hemodynamic, electrolytes, liver and hematological parameters in HgCl2 induced- hypertensive rats, 4th Internaltional Scientific Conference of Salahaddin University-Erbil October 18-20,2011 Erbil-Kurdistan, Iraq

5-Effects of Bemiparin and Heparin on Blood Pressure, Renal and Liver Function Tests and Platelet Indices of Salt-Loaded Uninephrectomized Rats , *IraqiJournal of Veternary Science,* ISSN (1607-3894)

6-Protective roles of Omega-3 in dexamethasone treated female rats, Journal of Duhok University, 2009

7-Effects of melatonin,metformin and their combination on some lipid profiles and serum electrolytes in sucrose treated male albino rats, *Journal of Duhok* University, 2009

8- Effects of splenectomy and melatonin supplementation on leucocytes, erythrocytes and platelets indices in cisplatin-induced anemia in male albino rats., Journal of Thi-Qar, 2009

9- Protective effects of melatonin ,Vitamin E, Vitamin C and Their Combinations On Chronic Lead-Induced Hypertensive Rats, Journal of Duhok University, 2011

10- Protective effects of melatonin ,Vitamin E, Vitamin C and Their Combinations On Chronic Lead-Induced Liver injuries in Rats, IOSR (India), 2013

11-Effects of COX-1 and COX-2 inhibitors in L-NAME induced hypertensive rats, JJBS(Jordan), 2013

12- Correlation between plasma ET-1 and blood glucose in male rats instillated with bleomycin, Journal of University of Zakho, 2013

13-Effects of bosentan and losartan on kidney and liver weight in 2K1C hypertensive rats., Journal of University of Garmian, 2015

14- Zinc Chloride and Selenium Reduces Blood Pressure and Oxidative Stress in Salt Loaded-Uninephrectomized Hypertensive Rats, Journal of University of Garmian, 2015

15-Hemodynamic ,thyroid and immunomodulater effects of cannabinoid in rat, Journal of Zankoy Sulaimani – Part A For Pure and Applied Sciences (JZS-A) ISSN 1812-4100 Issued by the University of Sulaimani,2015

16- Hemodynamic and renal effects of bosentan and losartan in 2K1C hypertensive rats. Journal of Zankoy Sulaimani – Part A For Pure and Applied Sciences (JZS-A) ISSN 1812-4100 Issued by the University of Sulaimani, 2015

17-Mechanism of the relaxant effects of melatonin via cyclooxygenase and epoxygenase pathways in male rat isolated aorta and trachea, Zanco Journal of pure and applied sciences ,2016

18-[Hemodynamic, Thyroid and Immunomodulatory Effects of Heroin in Rats](http://aro.koyauniversity.org/issues/vol4n1/aro-10097) , Ismail Mustafa. Maulood , ARO journal ,2016

19-Effect of Bosentan and Losartan on oxidative stress and cortisol levels in Endothelin-1 and Angiotensin II treated rats, Zanco Journal of pure and applied sciences , 2016

20-Hemodynami and renal effects of bosentan and losartan in endothelin-1 and angiotensin II induced hypertensive rats. Zanco Journal of pure and applied sciences ,2016

21-Change in the hemodynamic and thyroid functions in rats treated by opium, Diyala journal for pure science(DJPS), 2016

22- Hemodynamic ,thyroid and immunomodulater effects of cannabinoid in rat, Ismail Mustafa. Maulood, Journal of Zankoy Sulaimani – Part A (JZS-A),2016

23- Hemodynamic and oxidative stress effects of gamma-radiation in both male and female rats. Ismail Mustafa. Maulood; Ali H. Ahmed; and Hawzeen K. Othman Zankoy Sulaimani – Part A (JZS-A),2016

24- Roles of magnesium ions in vascular relaxation via calcium channel and cyclooxygenase pathway in isolated rat aorta, Zanco Journal of pure and applied sciences ,2018

25-Nitric Oxide Donor Dilates Aorta in Salt Loaded Rats via Activation of Inward- Rectifier Potassium Channels, Abbas B. Q. Salihi, 1Mudhir S. Shekha, 1Ismail M. Maulood, 1Almas M. R. Mahmud, 2Omar A.M. Al-Habib, ZJPAS (2016), 28 (5); 69-77

26- Effects of Potassium and Magnesium on Some Hematological Profiles in Two Kidney, One Clip- Hypertensive and Normotensive Rats, Hawzeen K. Othman, Ismail M. Maulood and Almas M. R. Mahmud, ZJPAS (2016), 28 (5); 19-32

27-Impact of Angiotensin and Endothelin Converting Enzymes and Related Bradykinin on Renal Functions in L-NAME Hypertensive Rats Ali Zainal Omar1), Ismail M. Maulood 6th International Conference and Workshops on Basic and Applied Sciences AIP Conf. Proc. 1888, 020039-1–020039-13; https://doi.org/10.1063/1.5004316 Published by AIP Publishing. 978-0-7354-1571-3/$30.00

28-Phosphodiesterase 5 Inhibitor Relaxes Isolated Rat Trachea in Endothelin-1 Induced Contraction ,Ismail M. Maulood, 1st international conference on pure and applied science ICPAS 2018 ,23rd -24th at Koya University KRG-Iraq

**References:**

Prof. Dr. Almas M.R Mahmud, Salahaddin University-College of Science /Biology Department.