

CURRICULUM VITAE



Name and Title: Prof. Dr. Luay Abed Ali Al-Helaly

Sex : Male

Date of Birth : 2-1-1974

Nationality : Iraqi

Position : Professor in Biochemistry.

Address : Department of Chemistry,
College of Science, University of Mosul, Mosul, Iraq.

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EDUCATION

1. **Ph.D.**, 2006 (Biochemistry), Department of Chemistry, College of Science, University of Mosul. Prof. Dr. Tareq Y. Ahmed, research advisor. Thesis title: Antioxidants and Some Biochemical Parameters in Workers Exposed to Pollutants in Mosul City.
2. **M. Sc**, 2000 (Biochemistry), Department of Chemistry, College of Science, University of Mosul. Assit. Prof. Dr. Tareq Y. Ahmed, research advisor. Thesis title: Determination and Study the Reference Values of Some Biochemical Parameters in Mosul City and its Surrounding Area.
3. **B.Sc.**, 1998 (General Chemistry), Department of Chemistry, College of Science, University of Mosul. The fourth among total of (98) students with grades "very good".
4. **Tech. Dipl.**, 1994 (Analytical Pathology), Mosul Technical. The fourth among total of (58) students with grades "very good".

EMPLOYMENT

October 2006-2009: Lecturer of Biochemistry, University of Mosul, (Teachers' College and College of Science), Chemistry Department.

July 2009 – 2017: Assistant Professor of Biochemistry, University of Mosul, College of Science, Department of Chemistry.

March 2017- Present : Professor in Biochemistry, University of Mosul, College of Science, Department of Chemistry.

MEMBERSHIP

Member of the Iraqi Chemical Society (1998)

AUTHORSHIP

1. Health Culture, 2008. Studying for the first grades of science faculties. Dar al-Atheer Printing Press, Mosul University - Iraq.



2. Biochemistry (Part I), in collaboration with Prof. Tarek Younis Ahmed. Year 2010. Studied for the third and postgraduate degrees of science faculties for universities of the country. As well as sections of the Technical Education Authority. Dar al-Atheer Printing Press, Mosul University - Iraq.



3. Biochemistry (Part II), in collaboration with Prof. Tarek Younis Ahmed for the year 2010. Studied for the fourth grade and postgraduate studies from the science faculties of the country universities. As well as sections of the Technical Education Authority. Dar al-Atheer Printing Press, Mosul University - Iraq.



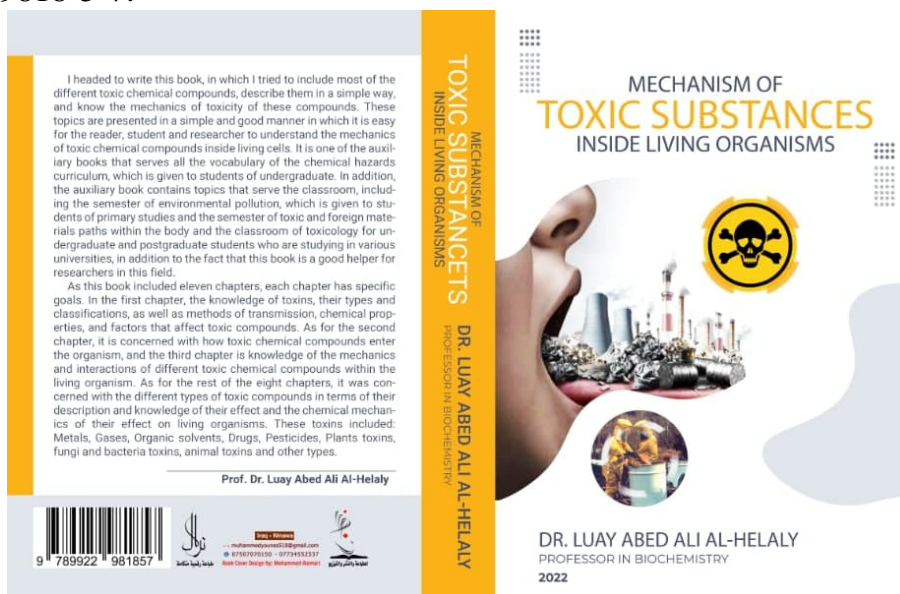
4- Oxidant and antioxidants in living cells for the year 2017. Dar Al Yazuri scientific printing and publishing, Amman - Jordan. ISBN: 7-778-12-9957-978.

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5- Oxidative stress in health and disease, for the year 2018, Dar Al Yazuri scientific printing and publishing, Amman - Jordan, ISBN: 4-795-12-9957-978.



6- Mechanism of Toxic Substances Inside Living Organisms, for the year 2022, Dar Noun for Printing, Publishing and Distribution, Mosul, Iraq, ISBN: 978-9922-9818-5-7.



i- Refereed Papers:

- 1- Ahmad, T. Y., and **Al-Helaly, L. A.**, (2002). Determination and Study the Reference Values of Some Biochemical Parameters in Mosul City and its Suburbs". Raf. Jour. Sci. 13(2): 23-42.

- 2- **Al-Helaly L. A.**, Mustafa L. A., Mhmood, S. Z. (2002). The relation ship between body weight with environment factors and their effects on the biochemical parameters. Raf. Jour. Sci. 13 (1): 67 - 76.
- 3- **Al-Helaly L. A.**, (2007)Partial Separation and Some Kinetic studies of Glutathione S-Transferrase (GST) in Human Serum. Raf. Jour. Sci. 18 (2):71-83.
- 4- Ahmad, T. Y., and **Al-Helaly, L. A.**, (2007). "Antioxidants and some biochemical parameters in alcoholism in Mosul city". Raf. Jour. Sci. 18 (1) 48-58.
- 5- **Al-Helaly L. A.**, Yalda, M. Z. Abdullah, H. M.(2007) Effect of oxidative stress on foot ball players, Duhok Univir. J.
- 6- **Al-Helaly L. A.**, Al-Jawadi Z. A., Hasan M. B.(2008). Antioxidants levels for Heavy duty Workers. J. Edu. Sci.21(1):14-26.
- 7- **Al-Helaly L. A.**, Hamudat M.M., Yunsi H. T. (2008). Effect of Aerobic in Response of Some Antioxidants Parameters in Blood Serum. .Sport Raf. Jour. Sci. 14 (47):33-45.
- 8- Al-Saadon, M.B. and **Al-Helaly, L.A.**(2008).Isolation and studying active compounds from Ginger (Zingber officinals) in normal and diabetes rabbits. Raf. Jour. Sci. 19 (3):104-119.
- 9- Ahmad, T. Y., and **Al-Helaly, L. A.**, (2008). "Determination of the Level Antioxidants and Some Biochemical Parameters in Workers Exposed to Cement Pollutants in Mosul City". J. Educ. & Sci. 21 (1), 303-311.
- 10- Ahmad, T. Y., and **Al-Helaly, L. A.**, (2009). "Oxidative Stress for Smoking Persons in Suburbs Mosul City". Raf. Jour. Sci. 20 (1) 22-32.
- 11- Ahmad, T. Y., and **Al-Helaly, L. A.**, (2009). " Partial Separation and Some Kinetic Studies of Ceruloplasmin in Human Serum". Raf. Jour. Sci. 20 (1) 47-60.
- 12- **Al-Helaly, L. A.**, (2011) "Some Antioxidant Enzymes in Workers Exposed to Pollutants ". Raf. Jour. Sci. 22(2):29-38.
- 13- **Al-Helaly, L. A.**, Hadi, E. A., Al-Talib, N. A. (2012) " Antioxidant and Oxidative Stress for Obese Persons (Smoking and Non smoking) in Mosul City ". J. Educ. & Sci.25(1):25-39.
- 14- Ahmad, T. Y., and **Al-Helaly, L. A.**, and. Mla-Alw, F. Y (2011). " Follow-up oxidative stress in pregnant women ". Raf. Jour. Sci. 22(4):88-106.
- 15- Ahmad, T. Y., and **Al-Helaly, L. A.**, and. Mla-Alw, F. Y (2011). " Partial Separation and Some Kinetic Studies of Glutathione S-transferase (GST) in Amniotic Fluid. Tikrit Journal of Pure Science.17(3): 142-152.
- 16- **Al-Helaly, L. A.**, and Al-Kado, O. A. (2012). Oxidative Stress for Women Infertility in Ninava Governorate . Raf. Jour. Sci. 23(2):128-147.

- 17- **Al-Helaly, L. A.**, and, Saleh L. A. (2012). Separation and Study of Some Kinetic Properties of Senescence Marker Protein -30 in Human Plasma . Raf. Jour. Sci. 23(4): 137-157.
- 18- **Al-Helaly L. A.**, Rashed S. H., Yunsi H. T. (2012). Effect of Aerobic Effort With Positive and Negative Recovery on Some Biochemical Parameters. Healthy Education J. 12(22): 15-32.
- 19- **Al-Helaly L. A.**, Yunsi H. T. (2012). Effect of waved effort in Response of Some Antioxidants Parameters in Blood Serum. Sport Raf. Jour. Sci.4(1): 1-16.
- 20- **Al-Helaly, L. A.**, and Al-Kado, O. A. (2013). Partial Purification and Some Kinetic studies of Glutathione Peroxidase (GPx) in Normal Human Plasma and Comparing with Primary Infertility Female. Tikrit Journal of Pure Science. 18(13): 36-45.
- 21- **Al-Helaly L. A.**, Rashed S. H., Bdaiwi L. F. (2013). A Comparative study of oxidant and antioxidant Levels between human milk with other types of ruminant animals. Iraqi National Journal of Chemistry.49: 86-99.
- 22- **Al-Helaly L. A.** (2013). Kinetic and Inhibition Studies for Glutathione Peroxidase(GPx) Isolated from Pea (*Pisum sativum*) Locality. Iraqi National Journal of Chemistry.51: 348-359.
- 23- **Al-Helaly, L. A.**, and, Saleh L. A. (2013). Oxidants and Antioxidants Levels for Elderly Male People . Raf. Jour. Sci. 23(3): 49-65.
- 24- **Al-Helaly, L. A.**, and, Taha, M. A. (2013). Separation and Studies of Lactoperoxidase from Camel and Buffalo Milk Locality . Raf. Jour. Sci. 24(6): 112-133.
- 25- **Al-Helaly, L. A.** (2014). Evaluation of Oxidants, Antioxidants and Some Biochemical Parameters in Vegetarianisms and Ova-lacto vegetarianisms. Iraqi National Journal of Chemistry.52: 477-490.
- 26- **Al-Helaly, L. A.**, and, Ahmed, T. Y. (2014). Antioxidants and Some Biochemical Parameters in Workers Exposed to Petroleum Station Pollutants in Mosul City, Iraq. Int. Res. J. Environment Sci. Vol. **3(1)**, 1-5.
- 27- **Al-Helaly, L. A.**, and, Taha, M. A. (2014). Oxidant and Antioxidant Levels in Local Camels and Buffalo Milk in Relation to Lactoperoxidase. Accepted in Tikrit Journal of Pure Science.
- 28- **Al-Helaly L. A.**, Yunsi H. T., Al-Khayat, D. K. (2014). Study of Some Biochemical Parameters Related to Heart Function in Ascending and Descending Effort. Accepted in Tikrit Journal of Pure Science.
- 29- **Al-Helaly, L. A.**(2018).Studies on Paraoxonase-1 Isolated from Amniotic Fluid and its Effect Against Cisplatin-Induced Hepatotoxicity and Cardiotoxicity in Rats. Raf. J. Sci., 27(2):42-56.

- 30- **Al-Helaly, L. A.**, Mohammad, F. A. (2014). Uricase Isolated from Seeds of Leek (*Allium ampeloprasum*), Celery (*Apium graveolens*) and Arugula (*Eruca sativa*). Iraqi National Journal of Chemistry. 55, 340-356.
- 31- **Al-Helaly, L. A.**, Hamdon, A. A. (2015). Study of Thioredoxin Isolated from Human Blood Serum. Tikrit Journal of Pure Science.20(3):79-88.
- 32- **Al-Helaly, L. A.**(2015).Studies for Urokinase-type Plasminogen Activator Isolated from Camel Urine and its Effect on Lipid profile. Iraqi National Journal of Chemistry. 15(5): 149-174.
- 33- **Al-Helaly, L. A.**, Hamdon, A. A. (2017). Biochemical and Kinetic Study for the Partial Purified Thioredoxin Reductase from Healthy Human Serum. Accepted in Tikrit Journal of Pure Science.
- 34- **Al-Helaly, L. A.**, Saleh, S. S., Bdaiwi, L. F. (2017). Studying of Oxidative Stress and activity of Some Enzymes in Cerebrospinal Fluid from Children with Hydrocephalus Disease. KUJSS 12(3):214-229.
- 35- **Al-Helaly, L. A.**, Saleh, S. S., Bdaiwi, L. F. (2017). Studying of metal elements, urea and creatinine in cerebrospinal fluid for children with hydrocephalus patients. KUJSS 13(2): 214-229.
- 36- **Al-Helaly, L. A.**, Saleh, S. S., Bdaiwi, L. F. (2017). Studying the Enzymes Levels in Cerebrospinal Fluid for Children with Acute Lymphoblastic Leukemia. WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES. 6(5):231-244.
- 37- **Al-Helaly, L. A.**, Saleh, S. S., Bdaiwi, L. F. (2017). Studying of Metal Elements in Cerebrospinal Fluid for Children with Acute Lymphoblastic Leukemia Patients. WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES. 6(5):245-257.
- 38- **Al-Helaly, L. A.**, Mahmood, E. S. (2019). Studying of Heavy and Essential Metals in the Amniotic Fluid for Pregnant Associated with High Blood Pressure. Raf. Jour. Sci. 22(1):53-68.
- 39- **Al-Helaly, L. A.**, Mahmood, E. S. (2019). Studying of Heavy and Essential Metals in the Amniotic Fluid for Pregnant Associated with Preterm Delivery. acceptable for publication in the Journal of Basic Education.
- 40- **Al-Helaly, L. A.**, Hamdon, A. A. (2018). Biochemical and Histological Study of Thioredoxin Reductase Isolation from Serum Blood on Normal and Oxidative Stress Rats. Iraqi Journal of Veterinary Sciences 33(2):115-124..
- 41- **Al-Helaly, L. A.**(2019). Isolation of Prolidase from Amniotic Fluid and Study of its Kinetic and Affinity Properties Towards Pharmacological Compounds. Journal of Education and Science for Pure Sciences 28(3): 52-72.
- 42- Hameed, O. M., **Al-Helaly, L. A.**(2020). Levels for Some Toxic and Essential Metals in Patients with Neurological Diseases. Raf. Jour. Sci. 29(3):27-37.

- 43- Mahmood, E. S., **Al-Helaly, L. A.** (2021). Study the biochemical and Histological of Aminoacylase-1 Purified From Amniotic Fluid in Rats with Oxidative Stress Induced by Lead Acetate. the Baghdad Science Journal 18(3):583-592.
- 44- Rashed S. H., **Al-Helaly L. A.**, Maher, F. T. (2021). Determination of Resistin, Apelin, Visfatin and Lipid Profile Levels Incolon Cancer Patients. Annals of R.S.C.B. 25(2): 3112 – 3123.
- 45- Rashed S. H., Maher, F. T., **Al-Helaly L. A.** (2021). Purification and Characterization of Meprin a from Human Blood Serum. Annals of R.S.C.B. 25(2):4209 - 4220.
- 46- Hameed, O. M., **Al-Helaly, L. A.**(2021). Evaluation the level of Total Fucose and Some Enzymes in the Blood of Patients with Neurological Diseases. Egypt. J. Chem. Vol. 64, No. 10, pp. 5613 – 5618 .
- 47- Mahmood, E. S., **Al-Helaly, L. A.,** Yousif, T. Y. (2021). Studying of some proteins levels and enzymes activities in the amniotic fluid for pregnant associated with premature birth. Libyan Journal of Science & Technology 13(2): 116-120.
- 48- Rashed S. H., **Al-Helaly L. A.**, Maher, F. T. (2021). Study of Age, Body Mass Index, Stages of Colon Cancer Development, and Type of Treatment on Meprin Alpha Levels Among Colon Cancer Patients. Accepted in Samarra J. Pure Appl. Sci., 2021 .
- 49- Mahmood Z. M. and **Al-Helaly L. A.** Preptin Hormone in Patients with Type 2 Diabetes Induced Post Coronavirus Infection (Covid-19). Scientific Journal for the Faculty of Science-Sirte University 2023; 3(1); 102-108.
50. Al-Obaedy A. O. and **Al-Helaly L. A.** Studying the Risk Factors on COVID-19 Patients in Nineveh Governorate. Accepted in Samarra J. Pure Appl. Sci.(2023).
51. Mahmood Z. M. and **Al-Helaly L. A.** (2023). Preptin hormone in obese people and its relationship with some bio-chemical variables. Appl. Biochem. Microbiol, 2023;59(S1),311–318.
52. Al-Hamdani, I. H. & **Al-Helaly, L.A.**(2023a). Peroxiredoxin 3 with Toxic Metals in Missed Abortion Patients. Mil. Med. Sci. Lett. (Voj. Zdrav. Listy) 92, 1-8.
53. Al-Hamdani, I. H. & **Al-Helaly, L.A.**(2023b). Peroxiredoxin 3 and Oxidative Stress in Recurrent Abortion Patients. Mil. Med. Sci. Lett. (Voj. Zdrav. Listy) 92(1), 87-94.

ii- Patents:

1. Ministry Shield from the Ministry of Higher Education and Scientific Research on the occasion of Science Day of 2011.

2. Iraqi Science Day Medal from the Minister of Higher Education and Scientific Research on the occasion of the Iraqi Science Day 2018.

iii- Presentations:

- 1-Ahmad, T. Y., and **Al-Helaly, L. A.**, (2008). "Determination of the Level Antioxidants and Some Biochemical Parameters in Workers Exposed to Cement Pollutants in Mosul City". J. educ. & Sci. 21 (1), 303-311. 1st Conference of Chemistry Department, 15-16 October 2008, University of Mosul, Mosul, Iraq.
- 2-Ahmad, T. Y., and **Al-Helaly, L. A.**, (2009). "Oxidative Stress for Smoking Persons in Suburbs Mosul City". Raf. Jour. Sci. 20 (1) 22-32. 1st Conference of Chemistry Department, 22-23 April 2008, University of Mosul, Mosul, Iraq.
- 3-Ahmad, T. Y., and **Al-Helaly, L. A.**, (2009). " Partial Separation and Some Kinetic Studies of Ceruloplasmin in Human Serum". Raf. Jour. Sci. 20 (1) 47-60. 1st Conference of Chemistry Department, 22-23 April 2008, University of Mosul, Mosul, Iraq.
- 4- Presenting a lecture at the symposium held in Chemistry / Faculty of Science / University of Mosul under the title :Chemistry and Life Seminar held in the Department of Chemistry / Faculty of Science / University of Mosul and reviewed on 28/4/2011.
- 5- The Second Chemistry Conference in the Chemistry Department, College of Science / University of Mosul, held from 22-23 November 2011, which is accepted for publication in the Proceedings of the conference under the title of the research: Oxidative stress of the X-ray diagnoses in the city of Mosul. Tarek Younis, : **Helaly, Luay Abed.**
- 6- The Second Chemistry Conference in the Chemistry Department, College of Science / Mosul University, held from 22-23 November 2011, which is accepted for publication in the Proceedings of the conference under the title of research: Clinical and Biochemical Study for Reconstitution of Urinary Tracts and the Effect of Risk Factors for Researchers: Abdel Moneim, Zena, **Helaly, Luay Abed.**
- 7- The Second Chemistry Conference in the Chemistry Department, College of Education / Mosul University, held in November 2013, which is accepted for publication in the Proceedings of the conference under the title of research: The Effect of Oral Contraception on Some Biochemical Variables in Blood. For researchers: : **Helaly, Luay Abed,** Abayji, Saba Zaki.
- 8-Second International Sports Conference in Turkey. Under the title

- 2nd International Conference on Science Culture and Sport (2nd International Conference on Turkish Folk Dances), held in October 2013 and accepted for publication in Proceedings of the Conference under the title of the first research: Effect of Ascending Effort in Response to Some of Biochemical Parameters Related to Lipid Metabolism The second research entitled: Effect of Decreasing Effort in Response to Some of Biochemical Parameters Related to Lipid Metabolism. For researchers: **Helaly, Luay Abed**, Younis, Hadeel Tariq, Khayat, Diaa Qassem.
- 9- The 15th International Sport Sciences Congress 15st-18th November, 2017, by the Sport Sciences Association, Antalya/ Turkey and accepted for publication in Proceedings of the Conference under the title of the first research: Effect of Anaerobic Effort on Some Biochemical Parameters of Heart Functions with Recovery Time. For researchers: **Helaly, Luay Abed**, Younis, Hadeel Tariq, Khayat, Diaa Qassem.
 - 10- Presenting a lecture at the symposium held in Chemistry / Faculty of Science / University of Mosul under the title: Environmental pollution that occurred in the city of Mosul and its suburbs and how to treat and prevent them, held on 22/2/2018.
 - 11- The Third Scientific Conference of Chemistry Sciences, held on October 24-25, 2018 at the college of Science / Mosul University, entitled " Isolation of Mono amine oxidase A from Cerebrospinal Fluid of Healthy and Hydrocephalus Disease Patients' Children in Mosul City ". For researchers: Bdioui, Lellas Farhan, **Helaly, Luay A.**, Saleh, Syran Star. Published in the Proceedings of the Conference, pp. 311-326.
 - 12- International Conference on Pure and Applied Sciences (ICPAS 2018) in Koya, Sulaymaniyah, entitled " Lipids and Glucose in Cerebrospinal Fluid of Children with Acute Lymphoblastic Leukemia and Hydrocephalus Disease ". DOI: <http://dx.doi.org/10.14500/icpas2018> For researchers: Bdioui, Lellas Farhan, **Helaly, Luay A.**, Saleh, Serran Star.
 - 13- The 16th International Sport Sciences Congress in 31st October - 03th November, 2018, Aska Hotel, Lara –Antalya/ Turkey , by the Sport Sciences Association for publication in Proceedings of the Conference under the title of the first research: Effect of Anaerobic Effort on Some Biochemical Parameters Related to Lipid Pathway with Recovery Time. For researchers: **Helaly, Luay Abed**, Younis, Hadeel Tariq, Khayat, Diaa Qassem.
 - 14- The Third Scientific Conference of Life Sciences, 2018, college of Science, University of Mosul, the research entitled "Isolation of Acetylcholinesterase Enzyme from Cerebrospinal Fluid of Healthy and Hydrocephalus Disease Patients' Children in Mosul City". For researchers: Bdioui, Lellas Farhan,

Helaly, Luay A., Saleh, Syran Star.. Published in the Journal of Science Rafidain, Volume 27, No. 5 / Zoology: 41-54.

- 15- The Second International Scientific Conference of Chemistry Sciences, held on June 23-24, 2021 at the College of Science / Mosul University, entitled "Evaluation the level of Total Fucose and Some Enzymes in the Blood of Patients with Neurological Diseases" For researchers: Hameed, O. M., **Al-Helaly, L. A.**(2021). Accepted in Egyptian Journal of Chemistry.

Academic Experience

Undergraduate:

- 1- Course in Biochemistry (4th year).
- 2- Courses in Clinical Chemistry (4th year).
- 3- Supervision for biochemical laboratory (3rd and 4th years)
- 4- In addition to some courses (for example teaching of health) for (1st year).

Postgraduate:

- 1- Course in Advance Clinical Chemistry .
- 2- Course in Oxidants and Antioxidants .
- 3- Detoxification pathways.

Postgraduate Students Supervision

- 1-Farh Y. Hamed (M.Sc. 3/11/4819 in 13/3/2011).**
Oxidative stress for pregnancy in the Ninawa governorate.
- 2- Ubeda Abed al-Kalek Abaas (M.Sc. 3/11/4102 in 4/3/2012).**
Oxidative Stress and Partial Separation of Glutathione Peroxidase for Infertility in Ninawa Governorate .
- 3- Marem Abed al-Kalek Salh (M.Sc. 3/11/28767 in 26/12/2012).**
Oxidants, Antioxidants Levels and Partial Separation of Gluconolactonase (Senescence Marker Protein -30) for Elderly people.
- 4- Musab Asker Taha (M.Sc 3/11/21808 in 10/10/2013).**
Separation and purification of Lactoperoxidase from Camel and local Buffalo Milk and study effect of Oxidant and Antioxidant levels.
- 5- Hadil Tareq Younis (Ph.D. 3/11/11128 in 25/5/2014)**
Effect of Ascending and Descending Aerobic and Anaerobic Effort on a Number of Physiological and Biochemical Parameters of Heart Functions for Long-Distance Runners.
- 6- Amera Ahmed Hamdon (Ph.D. 2017)**
Isolation and Partial Purification of Thioredoxine Reductase from Blood Serum and it's Relationship with Heart Failure Disease.

7- Lylas Farhan Bdaiwi (Ph.D. 2017)

Studying of Some Biochemical Parameters in Cerebrospinal Fluid for Children with Leukemia and Hydrocephalus

8- Eman Salem Mahood (Ph.D. 2019)

Study of Some Biochemical Parameters levels and Isolation of Aminoacylase From Amniotic Fluid in Pregnant Women

9-Omer Mohamed Hamed . (M.Sc. 2020).

Isolation and Purification of the L-Fucose Dehydrogenase and the Study of Biochemical Parameters in Blood Serum of Some Patients with Neurological Diseases in Mosul City

10- Sukayna Hussain Rashed Ali Al-Rawi (Ph.D. 2021).

Partial Purification of Meprin alpha and Its Relationship with Some Biochemical Parameters in the Blood of Colon Cancer Patients and in Induced Rat Males.

11- Ubeda Abed al-Kalek Abaas (Ph.D 2022).

Partial Purification of Meprin alpha and Its Relationship with Some Biochemical Parameters in the Blood of Colon Cancer Patients and in Induced Rat Males.

12- Zahraa Mohammed Mahmood Omar (M.Sc 2023).

Evaluation and Isolation the Preptin Hormone in Obese People with Its Associated Diseases

13- Ahmed Obed Jasim Mohammed Al-Obaedy (M.Sc 2023).

Epidemiology of COVID-19 virus with diabetes disease, and risk factors (Gender, age, Obesity, number of infection, type of vaccines) and study of its relationship the lactoperoxidase isolated from blood serum

14- Aya Abdul Hameed Rasheed Al-Neamy (M.Sc 2023).

Air Pollutants Emitted from Three Cement Factories in Nineveh Governorate and Effects on Health of Workers.

Present:

1- Esraa Hekmat Ali (Ph.D student).

2- Kenda Masood Mohammed (Ph.D student).

3- Duaa Hussein Omar (Ph.D student).

4- Othman Qusay Abdl-Hameed (M.Sc student).

5- Sakema Harby Younis (M.Sc student).