



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

Microbiology

	Project's name	Student's name	Supervisor
1.	The effect of electronic cigarettes on some non-specific immune parameters	Sabi Ali	Prof. Dr. Hiyam Adil Al- Tae
2.	The inhibitory effect of some plant extracts against <i>Escherichia coli</i> and its strain O157H7, which caused diarrhea.	Khadija Kazem Jamil Asmaa Muhammad Qadir	Prof. Dr. Mohsin Ayoob Essa
3.	Isolation and identification of cellulose degrading bacteria from soil	Ekram waad Sulaiman Ahmed	Prof. Dr. Esraa Al- Sammak
4.	Molecular Identification of Two <i>Bacillales</i> Genera Isolated from Soil	Maryam Nameer Ablahad Dolmai Walaa Qassim Muhammad Al-Jubouri Jumana Faris Ismaeel Al-omary	Dr. Sahar Salim Al-Nakkar



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

5.	Investigation of Carbapenem – Resistant Bacteria from Different Environments in Mosul city	Esraa Ahmad Essam Abeer Saad Salih	Asst. Prof. Dr. Rayan Mazin Faesal
6.	The effect of some chemical and natural materials on swarming motility of <i>Proteus mirabilis</i>	Sundus Khalid Basheer Mohammed Amir Al- Awwsi	Asst. Prof. Dr. Ghada Abdulrazzaq Mohammed
7.	Estimating the effectiveness of neutrophil extracellular traps in patients with type 1 diabetes	Amina Younis Hanaa Ahmed	Asst. Prof. Dr. Rojan Ghanim Al-Allaf
8.	investigating some types of bacteria that cause bedsores	Zahraa Ahmed abd alsalam alsultan Zainab Ahmed abd alsalam alsultan	Asst. Prof. Najlaa Abdulla Fathi
9.	Isolation and identification of some pathogenic bacteria from cats	Alaa Mohammed Ahmad	Dr. Enas Abdumonim Al- Layla
10.	Isolation and identification of some pathogenic bacteria from dogs	Zahraa Mohammed Abdul Aziz	Dr. Enas Abdumonim Al- Layla



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College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

11.	The effect of natural honey on growth and biofilm of Klebsiella oxytoca and Enterococcus faecium	Teba Mowafaq Qasim Duaa Najy Husaen	Aesha Wamedh Al_Omarey
12.	Investigating Some of the Germs that Cause Otitis Media and Studying the Effect of Some Factors on Patients Infected With It	Bassma Zyead Ali Ali Zedan Othman	Assit. Prof. Hanan Sami Noori
13.	The effect of cinnamon and cardamom oils on some virulence factors of Pseudomonas aeruginosa	Aya Ahmad Mishal Zainab Layth Hazim	Amina Ghanim Al- Aani
14.	Study of bacterial adaptations to extreme environments in dishwashers	Afnan Mohamme Eman Taha	Dr. Hiba Khalid
.15	The biological effectiveness of Nigella sativa oil on some types of antibiotic-resistant bacteria	Rabaa dahham mahood Raya yousif muhammad)	Dr. Zahraa Khairialdeen Mohialdeen
.16	Isolation and Characterization of probable plastic-degrading microorganisms isolated from soil	Shahad Bashar Maretta Sabah Yousif	Asst. Prof .Dr. Khansa M. Younis
.17	Evaluating The antibacterial activity of tea tree essential oil against	Sura Khalid Hazim	Dr. Eman Mahmood Khudhir



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

	common pathogens	Marwa Salih Wali	
.18	Molecular diagnosis of some pathogenic bacteria isolated from local fish in mosul city.	Ruqaiya Khalid Enas Ahmad	Dr. Shafaq Tariq Burhan
.19	Molecular characterization of two dominant bacteria Acinetobacter baumannii and Achromobacter denitrificans isolated from the wounds and pus of patients	Nada Zeyad Rahaf Ghassan	Asst. Prof. Dr. Anmar Ahmed Al- Taea
.20	The effect of live and dead Serratia marcescens on some immune cell in cell cultures	Eman Farhan Shorooq Sefedeen	Prof. Dr. Mahmoo Al-Toobjy
.21	Detection and diagnosis bacteria isolation from burn wound infection	Haneen Zaid Yamama Zeyad	Dr. Sahar Luqman
.22	Evaluation of Hi UTI chromogenic agar in isolation and detection of uropathogens	Dalya Abdulmawjood Ebtihal Mohammed	Asst. Prof. Muna Mohammed Essam
.23	Isolation, identification and antibiotic resistance of bacterial species from cosmetic products	Saja Tahseen Safea Taha	Asst. Prof. Dr. Shakir Ghaze
.24	Isolation and identification of some bacteria from ear infection	Sahar Salim Esraa Saadalla	Asst. Prof. Dr. Alaa Husain



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

.25	Molecular Identification of Klebsiella pneumoniae Strains in Urinary Tract Infection Patients in Mosul, Iraq	Sahad Musaq Amina qusae	Dr. Sahera Adrees
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Zoology

	Project's name	Student's name	Supervisor
1.	Epidemiological study of the cutaneous leishmaniasis parasite in Nineveh Governorate	Amina Wadullah Tareq Khaleel Hajer Khalaf Haboo	Asst. Prof. Dr. Senaa Abdulla Al-Jarjary
2.	Effect of physiological and biochemical parameters in B- thalassemia patients	Zainab Abdulhadi Mohsin Aya Adnan Yahya	Asst. Prof. Dr. Haitha Luqman Al- Hayaly
3.	Evaluating the quality of water used to irrigate the cultivated Al-Thail in some neighborhoods of the city of Mosul	Abdulrahman Mohammed Obaid Aythar Fawzi Mohammed Salih Bariz Hassan Mahmoud	Prof. Dr. Mahmood Esmaeel



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

4.	Some aspects of water pollution of the Tigris River within the city of Mosu	Lina Salih Sultan	Prof. Dr. Mahmood Esmael
5.	Molecular Investigation of Some Species of Culex Mosquitoes in Mosul City	Norhan Nabhan Younis Iman Jasim Mohammed	Prof. Dr. Muneef Abid Mustafa Al-Hamdani
6.	The effect of kidney stones on the level of some biochemical variables	Rasha Hussein Qader Maryam Mahmoud Khalil	Asst. Prof. Dr. Huda Al-Attar
7.	Evaluation of some biochemical parameters of the kidney and liver in patients and healthy people	Aisha Ahmed Majed Aya Read yasen	Prof. Dr. Muna Husain Ali
8.	Evaluation of some biochemical parameters in patients with diabetic mellitus	Sanaa Moataz Ghanem	Prof. Dr. Muna Husain Ali
9.	Study of the factors affecting the spread of some intestinal parasites among children in Nineveh governorate	Zahraa Sabah Mohammed Baraa Abdalrhman Mohammed	Lecturer Najwa Mahfoodh Ahmed



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

10.	Estimating the cumulative concentration of zinc and iron in the tissues of the intestinal tapeworm <i>Schyzocotyle acheilognathi</i> and some members of its final host, the common carp <i>Cyprinus carpio</i> (L. 1758) from the Tigris River passing through the city of Mosul.	Rahma Ibrahim Fathi Saadia Salman Issa	Prof. Dr. Bushra Hassan Saeed
11.	Physiological and biochemical changes after cholecystectomy	Demma Yasir	Prof. Dr. Muntaha Dawood
12.	Intermediate immune response against infection with the mucocutaneous parasite <i>Leishmaniasis</i>	Nada Ahmed	Prof. Dr. Mohammed Salahaldeen Abud-Al Faraj
13.	Pathological effects resulting from infection in the blood area.	Rakan Ali	Prof. Dr. Mohammed Salahaldeen Abud-Al Faraj
14.	Physiological assessment of professional and academic stress for evening school students	Esraa Ibrahim Saeed Luma ali Saleem	Dr. Abeer Ali Kadhim
15.	Thalassemia and Leukemia Disease in Children in Mosul City.	Zeena Nashwan Subhi Noor Raed Ahmed	Asst. Prof. Dr. Waad Sabri Shahir



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

16.	Cumulative Blood sugar (HbA1c) and it's Complications	Mohammed Yousif Yousif Ibrahim	Asst. Prof. Dr. Waad Sabri Shahir
.17	Hisopathological study of male breast in patients with gyncomstia	Fatima Abdulghafoor	Asst. Prof. Dr. Elham Abdulla Ali
.18	histopathological study of breast in patients with invasive ductal carcinoma	Dania Ebraheem	Asst. Prof. Dr. Elham Abdulla Ali
.19	Histopathological study of intestinal tube in patients with adenocarcinom a	Yahya	Asst. Prof. Dr. Elham Abdulla Ali
.20	The inhibitory effect for milk Thistle extraction on grow some phathogenic bacteria	Teba Mohammed	Asst. Prof. Dr. Firas Hameed Khudhaeer
.21	Histopathological changes of renal cell carcenoma in human	Elaf Abdalrazaq Ali Suha ragheed abdulaghani Esraa Nashwan Mohamad Wasal	Asst. Prof. Dr. Fatima Qasim
.22	Effect of the ketogenic diet on some biochemical and physiological variables for some of men and women in Mosul city	Thabea Mahmood Eman Abdulsattar	Asst. Prof. Dr. Thaer Mohammed



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

.23	Identifying genetic mutations in apoptosis genes in children with leukemia	Anfal Muthafeer Abeer Mohammed	Prof. Dr. Owaes Mowafaq
.24	Studying the effect of some biochemical variables in women with polycystic ovary syndrome	Farah Mohammed Mahmood Sanarya Raid Salim	Eman Sameer
.25	Study of some biochemical variables in some women suffering from recurrent miscarriages	Zaenab Rabee Danya Abdulhakeem	Dr. Mowafaq Khaleel
.26	Studying the extent to which vitamin K2 and some other biochemical parameters are affected in patients with type 2 diabetes	Mohammed Mahmood Yousif Husam Mustafa Ali	Asst. Prof. Dr. Mohammed Husain Mekaeel
.27	A survey of infections with the Entamoeba histolytica parasite among visitors at Ibn Al-Atheer Teaching Hospital for the period from December 2022 to 2023	Safa Khaleel Danya Radhwan	Asst. Prof. Dr. Najah Subhi
.28	Estimation of asprosin hormone in patients with type 2 diabetes mellitus	Mohammed Ahmed Awni Duha Ali Akbar Hassan	Asst. Prof. Dr. Abeer Ataallh Al-Hadedee



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

Botany			
	Project's name	Student's name	Supervisor
1.	Molecular diagnosis of bacteria isolated from coralloid roots of Cycads	Sama Yasir Salim Sara Bashar Adnan	Prof. Dr. Amjad Abulhadey Mohamme
2.	The effect of naphthalene acetic acid (NAA) on growth and some physiological traits of <i>Linum usitatissimum</i> growing under water stress.	Awrad Salwan Ahmad Osama Zubaeda Abdullah Nora Omar	Asst. Prof. Dr. Alaa Husain
3.	Isolation and identification of root nodule bacteria from peas growing in soil that have <i>Typha</i> plant residues.	Israa Qais Fawzi	Asst. Prof. Dr. Wassn Salih
4.	: Effect of pepper plant residues on growth and germination of wheat	Iman Omar Mustafa.	Asst. Prof. Dr. Wassn Salih
5.	okra leaf extracts effect on germination of two wheat varieties	Taiba Emad	Asst. Prof. Dr. Wassn Salih
6.	Testing the effect of <i>Typha</i> plant residues on Salinity tolerance for pea	Kawthar Kamel Muhammad Ali	Asst. Prof. Dr. Wassn Salih
7.	Isolation and diagnosis of some Basidiomycetes isolated from different areas of the city of Mosul	Mustafa Jamal Shuker	Asst. Prof. Dr. Faten Noori Abed Mula Abed



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

8.	Isolation and identification of fungi contaminating food refrigeration and freezing equipment	Aya abdullah mohammed Karrima basil abd aljabbbbar	Dr .Hiba Hadi Taha
9.	Biodegradation of phenolic compounds from olive mill effluents by the biomass of the fungus <i>Helvella bachu</i> .	Ibraheem Adnan	Dr Jhan Mowaffaq
10.	Isolation and identification of some types of yeast from sheep milk	Asmaa Duraid	Asst. Prof. Dr. Badia Abdulrazzaq
11.	Isolating and identifying some types of yeast from the leaves of different types of trees and studying their sensitivity to some fungal antibiotics	Mustafa Yasir Talea	Asst. Prof. Dr. Badia Abdulrazzaq
12.	Response of two barley cultivares to the allelopathic effect of potato and eggplant peels	Omar Abdulla Sara Mohammed Yahya	Prof. Dr. Janan Abdulkhaliq
13.	Biofertilizers.	Farah Muthafar	Prof. Dr. Janan Abdulkhaliq
14.	Evaluation of groundwater quality in the village of Al-Narqazliyah / Al-Sheikhan District / Nineveh Governorate.	Yusr Hatem Abdel Wahed Sufyan Khalifa Ayed	Asst. Prof. Dr. Abdulmounim Mohammed Kina
15.	The effect of diode laser radiation on the germination and growth of two varieties of wheat, <i>Triticum aestivum</i> L. <i>aestivum</i> <i>Triticum</i>	Shahbaa Safwan Mohammad Ayoub Thanon Younis	Asst. Prof. Dr. Nhal Ezzat



University of Mosul
College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

16.	The Effect of Laser Diode Ray on Growth of Escherichia coli	Haki Esmaeal Sabri	Asst. Prof. Dr. Nhal Ezzat
17.	A study on the fungi that cause onychomycosis in humans.	Abdullah Muhannad Zidane	Asst. Prof. Dr. Maha Akram Mohammed
18.	Isolation and identification of fungi present in some libraries in Mosul university	Hala Nofal Muhammad Enas Mahmoud Ahmed	Asst. Prof. Dr. Maha Akram Mohammed
.19	Isolation and identification of the associated Candida albicans fungus for people with fungus between the toes.	Aya Abd almonaim najam	Asst. Prof. Dr. Warqaa Saeed Al-Tae
.20	Isolation and identification of the fungus <i>Alternaria alternata</i> causing leaf blight in fig trees .	Nada saadallah hani Reem Mahmoud Jassim	Asst. Prof. Dr. Warqaa Saeed Al-Tae
.21	Inhibitory effect of an ethanolic extract of <i>Laurus nobilis</i> leaves against some filamentous fungi	Noor Ahmad	Dr. Zakaria Sami
.22	Inhibitory effect of an acetone extract of <i>Laurus nobilis</i> leaves against some filamentous fungi	Rusul Fathi	Dr. Zakaria Sami
.23	The effect of different species of green algae on the biosynthetic properties of gold nanoparticles	Noor Mohammed	Dr. Hala Mizhir
.24	Effect of the type of algal extract on the properties of gold nanoparticles	Mustafa Raed	Dr. Hala Mizhir



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College of Sciences
Department of Biology



Graduation Projects For Students (2023-2024)

.25	Physiological response of fenugreek plants to treatment with aqueous extracts of onion, garlic and Kara moss	Nada Akram	Dr. Hala Mizhir
.26	Isolation of mycotoxin-producing fungi from pistachios displayed in the local market of Mosul	Azal Haetham Farah Firas	Dr Ali Abd Ali
.27	Molecular Identification of fungi isolated from soil contaminated with cars oil (Diesel)	Ola Sabhan Aziz Abdalmohammed Mohamed Taher Maria Khalil Ibrahim	Asst. Prof. Dr. Hadeel Ahmed
.28	Comparison of some phenotypic and anatomical characteristics and pollen grain characteristics of some plants of the palm family Aracaceae	Kiram Abduljabbar Younis Shakir	Asst. Prof. Dr. May TAha
.29	The allelopathic ability of basil and mint plants in the germination and growth of two types of wheat and the growth of microorganisms in the soil.	Alaa Mustafa Aziz SARAH MOHANAD MOHAMMED	Eman Ridha
.30	The effect of Matricaria chamomilla extract on antibiotic-resistant Escherichia coli bacteria isolated from soil.	Asmaa Ahmed nazhaat zaker zakaria Zeena murad Ahmed najim	Esra Muneeb
.31	Study the effect of alcoholic extract of Biarium carduchorum against some species of Aspergillus	Amina Khalid Salim and Walla Khalid Mohamed Noor	Abeer Ahmad