



## Faculty of Biotechnology

# Graduation Projects Spring 2017



#	STUDENT NAME	LOCATION	TOPIC	EXTERNAL SUPERVISOR(s)	EXTERNAL SUPERVISOR'S EMAIL	INTERNAL SUPERVISOR
1.	Nada Gamal	BioDiscovery Group India	Molecular modeling study of Zika virus	Prof. Asif Naqvi	ceo@biodiscoverygroup.com	Prof. Ayman Diab
2.	Ayat Belal	Breast Cancer Foundation in Egypt	Study of factors associated with metastatic breast cancer in Egypt	Prof. Mohamed Shaalan	Mshaalan@bcfe.org	Dr. Ashraf Bakaar
3.	Hana Mahmoud	Department of Medical Biochemistry, Faculty of Medicine, Ain Shams University	The evaluation of the expression of a miRNA (miR-324-5p) and a long non-coding RNA (miR-497-HG) in bladder cancer	Prof. Sanaa Eissa	dr_sanaa_eissa@yahoo.com	Dr. Ashraf Bakar
4.	Ahmed Mohamed Mohamed Abdelaal	National research center	Evaluation of experimental and commercial avian influenza H5	Prof. Mohamed Ahmed	mohamedahmedali2004@yahoo.com	Dr. Radwa Mekii

			inactivated vaccines against contemporary avian influenza H5 viruses in Egypt			
5.	Halima Hirzi	Vacsera	Effect of Beevenum and other natural products on lung cancer : In vitro trial	Dr. Aly Fahmy Dr. Abir Elfiky	fahmy.aly@gmail.com	Dr. Ahmed Nada
6.	Howida Samir	Vacsera	Assessment of the anti-cancer potential of sinapic acid: in vitro study on its effect on cell cycle and related apoptotic gene profiles	Dr. Aly Fahmy	fahmy.aly@gmail.com	Dr. Ahmed Nada
7.	Fadya El Garhy	Vacsera	Investigating the anticancer & antiviral activity of Pomegranate peel extract on prostate larynx cancer cell lines, and vero cell lines.	Dr. Ali Fahmy	fahmy.aly@gmail.com	Dr. Ahmed Nada
8.	Habiba Shedid	Vacsera	The effect of Quercetin as anti-cancer on colon cell lines.	Dr. Ali Fahmy	fahmy.aly@gmail.com	Dr. Ahmed Nada
9.	Yara Moenes	Vacsera	The usage of Albedo Orange methanol and ethanol extraction as anticancer	Dr. Ali Fahmy	fahmy.aly@gmail.com	Dr. Ahmed Nada

10.	Marina Fakhry	Vacsera	Assessment of anti-cancer properties of grape seed derived Procyanidin and Quercetin against lung (A549) and prostate (PC-3) cancer cell lines: an in vitro study	Dr. Aly Fahmy	fahmy.aly@gmail.com	Dr. Ashraf Bakar
11.	Shuang Liu	Vacsera	Evaluation of fruit and citrus plants waste bio- derivatives anticancer activity and related apoptotic genes profile	Dr. Aly Fahmy Dr. Eman Amin Ismail	fahmy.aly@gmail.com	Dr. Ashraf Bakar
12.	Mohamed Ayman	Vacsera R&D Sector	Experimental evaluation of different Adjuvants Toxicity and relative immune enhancing potential to rabies vaccine	Dr. Aly Fahmy	<a href="mailto:Fahmy.aly@gmail.com">Fahmy.aly@gmail.com</a>	Dr. Ahmed Nada
13.	Mohamed Saleh	Vacsera	Gene toxicity of gold and silver nanoparticles and relates biological change	Dr. Aly Fahmy	<a href="mailto:fahmy.aly@gmail.com">fahmy.aly@gmail.com</a>	Dr. Ashraf Bakar

14.	Menatallah Yasser	Vacsera Tuberculosis Lab	Medical drawbacks of Alpha-Cypermethrin pesticide occupational exposure	Dr. Ahmed Hamdy Dr. Aly Fahmy	<a href="mailto:fahmy.aly@gmail.com">fahmy.aly@gmail.com</a>	Dr. Ahmed Nada
15.	Nancy Karem	Vacsera	Evaluate the anticancer activity of Lapatinab and bee venom against breast cancer cell line.	Dr. Aly Fahmy	<a href="mailto:fahmy.aly@gmail.com">fahmy.aly@gmail.com</a>	Dr. Ahmed Nada
16.	Hoda Raafat	VACSERA	Evaluation of the antiviral and virucidal potential of scorpion venom against poliovirus type 1 and coxsackie B9 virus and the associated MxA gene profile	Dr. Aly Fahmy	<a href="mailto:fahmy.aly@gmail.com">fahmy.aly@gmail.com</a>	Prof. Ayman Diab
17.	Hesham Ashraf	VACSERA	In Vitro assessment of anticancer potential of Garlic derived Allicin and Carboplatin against prostate (PC3) and	Dr. Aly Fahmy	<a href="mailto:fahmy.aly@gmail.com">fahmy.aly@gmail.com</a>	Prof. Ayman Diab

			colorectal (HCT-116) cancer cell lines.			
18.	Mostafa Ashraf	Stem Cells (Cell Safe Bank)	stem cells extraction from adult bone marrow	Dr. Hisham Eissa	cellsafebank@gmail.com	Prof. Ayman Diab
19.	Heba Tarek	Stem Cells (Cell Safe Bank)	Preimplantation genetic diagnosis and screening using Fluorescence in-situ hybridization (FISH) and Array comparative genomic hybridization (aCGH) to improve in vitro fertilization (IVF) for egyptian society	Dr. Hisham Eissa	cellsafebank@gmail.com	Prof. Ayman Diab
20.	Yasmin Azouz	Stem Cells (Cell Safe Bank)	Using next generation sequencing DNA analysis in neutrogenomics of strength and conditioning profiling of Egyptian athletes	Dr. Hisham Eissa	cellsafebank@gmail.com	Prof. Ayman Diab
21.	Mohamed Shokry	Genetica (DNA Laboratories)	Y Chromosome microdeletion as a cause of male infertility	Prof. Yasser El Nahass & Dr. Fatma Elrefaey	Yasser.elnahass@nci.cu.edu.eg Fatma.elrefaey@nci.cu.edu.eg	Dr Radwa Mekii

22.	Reem Ahmed	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP)	Risk assessment of heavy metals exposure in snacks and other candy products consumed by small children	Dr. Mona Khorshed	mona.khorshed@gmail.com	Dr Radwa Mekii
23.	Youssef Sayed	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP) (Mycotoxins Lab)	Comparison between aflatoxin recovery in spices using gel permeation chromatography (GPC) and immunoaffinity columns (IAC)	Dr. Ahmed Mamdouh	ahmedmamdouh1@gmail.com	Dr Radwa Mekii
24.	Mahmoud Gamal	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP)	Determination of sorbic acid and benzoic acid using reverse-phase HPLC in different commodities	Dr. Ahmed Mamdouh	ahmedmamdouh1@gmail.com	Dr Radwa Mekii
25.	Basil Ahmed	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP)	Treatment and testing of staphylococcus aureus coagulase positive through using different antioxidants and antibiotics.	Dr. Mohamed Abdallah	mona.khorshed@gmail.com	Dr Radwa Mekii

26.	Omar Gamal	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP)	Levels of heavy metals in canned food and their impact on human health.	Dr. Mona Khorshed	mona.khorshed@gmail.com	Dr Riham Mohsen
27.	Sherif Mohsen	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP) (Mycotoxins Lab)	The Detection and Quantification of the Mycotoxin Patulin in Apple Juice Products using High Performance Liquid Chromatography (HPLC)	Dr. Ahmed Mamdouh	ahmedmamdouh1@gmail.com	Dr. Riham Mohsen
28.	Kamal ElDohy	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP)	Determination and validation of tetracycline using QuEChEr method in liver tissue by using LC MS\MS	Dr. Lamia Ryad	mona.khorshed@gmail.com	Dr. Amgad Raday
29.	Reem Amer	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP)	Determination of synthetic sweeteners in some commodities using HPLC reversing phase.	Dr. Ahmed Mamdouh	Ahmedmamdouh1@gmail.com	Dr. Riham Mohsen
30.	Fady Fakhry	Central Lab of Residue Analysis of Pesticides and Heavy Metals in	Testing antibiotics, and plant extracts against 50 isolates of bacillus cereus.	Dr. Mohamed Abdallah	doctormmm23@hotmail.com	Dr. Riham Mohsen

		Food (QCAP)				
31.	Dalia Nabil	Central Lab of Residue Analysis of Pesticides and Heavy Metals in Food (QCAP) Veterinary drug	Determination and validation of sulphonamide using QuEChEr method in liver tissue by using LC MS\MS.	Dr. Lamia Ryad	Lamia.ryad@gmail.com	Dr. Ahmed Nada
32.	Hana Tarek	Biotech Lab, Agricultural Research Centre	light and electron microscope for identification of phytoplasma associated with sesame	Dr. Sahar Youssef	Saharyoussef@gmail.com	Dr. Gehan Safwat
33.	Merna Shaaban	Biotech Lab, Agricultural Research Centre	PCR detection of some viruses affecting beetsh	Dr. Sahar Youssef	saharyoussef@gmail.com	Dr. Gehan Safwat
34.	Yasmine Amer	Biotech Lab, Agricultural Research Centre	Isolation and identification of some viruses affecting family solanaceae	Dr. Sahar Youssef	saharyoussef@gmail.com	Dr. Gehan Safwat
35.	Amir Farouk	Plant Physiology Department, Faculty of Agriculture,	Ticks and tick-borne theileriosis infesting with one-humped camels, Camelus dromedaries	Associate Prof. Hanan Mohamed Gaber	Hanangabr@agr.cu.edu.eg	Dr. Gehan Safwat



		Cairo University				
36.	Menna Wahid	Plant Physiology Department, Faculty of Agriculture, Cairo University	Response of Eruca sativa plants to nano iron and zinc compared with commercial fertilizers	Dr. Mohamed Mahmoud Abd el wahab	mohamed.mahmoud@agr.cu.edu.eg	Dr. Gehan Safwat
37.	Mehra Zain	Metalab	diagnosis of autoimmune thyroid disease	Dr. Mohamed Hussein	mohamed.hussein.m@gmail.com	Dr. Amgad Raday
38.	Salma Effat	Metalab	using cytogenetic tool for the diagnosis of leukemia (FISH & karyotyping)	Dr. Mohamed Hussein	mohamed.hussein.m@gmail.com	Dr. Amgad Raday
39.	Sumaiyah Sheikhdon	Metalab	Diagnosis of bacterial infections in correlation with antibiotics	Dr. Mohamed Hussien	mohamed.hussein.m@gmail.com	Dr. Amgad Raday
40.	Maha Mohamed	Metalab	Use of karyotyping testing to detect infertility.	Dr. Mohamed Hussien	mohamed.hussien.m@gmail.com	Dr. Amgad Raday

41.	Sandra Habib	Metalab	Identification of infectious bacteria in correspondence with antibiotic resistance in children	Dr. Mohamed Hussien	mohamed.hussein.m@gmail.com	Dr. Amgad Raday
42.	Rania Mahmoud	Theodor Bilharz Research Institute	Immunohistochemical study of heterogenous RNA in urinary bladder carcinoma	Dr. Tarek Aboshosha	taboushousha@gmail.com	Dr. Ashraf Bakar
43.	Shorouk Mohamed	Theodor Bilharz Research Institute	Evaluation of SOX2 expression in HCV related hepatocellular carcinoma and premalignant tissue	Dr. Tarek Aboshosha	Taboushousha@gmail.com	Dr. Ashraf Bakar
44.	Hadeer Atallah	Theodor Bilharz Research Institute	Immunohistochemical profile of cdx2 in colonic lesions	Dr. Tarek Aboshosha	taboushousha@gmail.com	Dr. Amr Ageez
45.	Samar El-Kholey	Theodor Bilharz Research Institute	Tissue expression of cyclin D1 in urinary bladder carcinoma	Dr. Tarek Aboshosha	taboushousha@gmail.com	Dr. Amr Ageez
46.	Selvia Samir	Theodor Bilharz Research Institute	Differentiation of RAGE Expression In Primary Tumors and Lymph node Metastatic	Dr. Tarek Aboshosha	taboushousha@gmail.com	Dr. Amr Ageez

			Deposits Of Breast Carcinoma.			
47.	Rana Khattab	Theodor Bilharz Research Institute	The role of GLUT-1 in diagnosis of hepatocellular carcinoma	Dr. Samah Mamdouh	Samah_mmdh@yahoo.com	Dr. Amr Ageez
48.	Khaled Hassan	Theodor Bilharz Research Institute	The significance of RAGE in diagnosis of hepatocellular carcinoma	Dr. Samah Mamdouh	Samah_mmdh@yahoo.com	Dr. Amr Ageez
49.	Caroline Ashraf	Theodor Bilharz Research Institute	Diagnosis of hepatocellular carcinoma using Thyroid transcription factor-1	Dr. Samah Mamdouh	Samah_mmdh@yahoo.com	Dr. Amr Ageez
50.	Mostafa Sayed Abd El halem	Theodor Bilharz Research Institute	The role of sox-2 in diagnosis of hepatocellular carcinoma	Dr. Samah Mamdouh	Samah_mmdh@yahoo.com	Dr. Amr Ageez
51.	Noora Essam	National Institute of Cancer	evaluation of the expression of miR160B and miRNA16 in Hepatocellular Carcinoma	Dr. Amal Fawzy	amalfawzy69@hotmail.com	Dr. Ashraf Bakar

52.	Nouran Ramdan	Cyanobacteria lab, Microbiology Dept., Faculty of agriculture, Cairo University	Factors influencing the production of silver nanoparticles by cyanobacteria	Prof. Aziz Mohamed Higazy	Azizhigazy@gmail.com	Dr. Ali Diab
53.	Maha Reda	Cairo University Research Park	Possible Contribution of Cyanobacterial Blooms in drinking Water Quality in Giza, Egypt.	Prof. Aziz mohamed aziz	azizhigazy@gmail.com	Dr. Ali Diab
54.	Noura Mohamed	Cairo University Research Park, Hormones and Immunology Lab	Some immunological, physiological, and antioxidant biomarkers in Barki sheep under feeding stress	Prof. Yassein Hafez	yasseinhafez@gmail.com	Dr Amgad Raday
55.	Aseel Sultan	Cairo University Research Park, Hormones and Immunology Lab	Production of high immune colostrum against calves diarrhea	Prof. Yassein Hafez	yasseinhafez@gmail.com	Dr Amgad Raday
56.	Abanoub Gamal Beshay	Cairo University Research Park, Veterinary	Hematological disorders in Barki sheep due to salty water exposure	Prof. Yassin Hafez	yasseinhafez@gmail.com	Dr Amgad Raday

57.	Omar Khaled	Cairo University Research Park, Biochemistry lab	Role of natural juice and wheat bran on liver and kidney functions of cigarette smoke in rats	Dr. Amr Mostafa	Amr.mostafa@fldc.cu.edu.eg	Dr. Osama Saad
58.	Ahmed Abd El Ghafar	Cairo University Research Park, Biochemistry lab	Role of natural juice on oxidative stress of cigarette smoke in rats	Dr. Amr Mostafa	amr.mostafa@fldc.cu.edu.eg	Dr. Osama Saad
59.	Mohamed El-Senousy	Cairo University Research Park, Biochemistry lab	Biochemical studies of natural juice on lung function of cigarette smoke in rats	Dr. Amr Mostafa	amr.mostafa@fldc.cu.edu.eg	Dr. Osama Saad
60.	Shaima Ibrahim	Cairo University Research Park, Biochemistry lab	Role of rice bran oil on treatment of cardiovascular diseases.	Dr. Amr Mostafa	amr.mostafa@fldc.cu.edu.eg	Dr Gehan Safwat
61.	Mohamed Osama	Cairo University Research Park, Biochemistry lab	Role of fenugreek germ seeds on oxidative stress of cigarette smoke in rats.	Dr. Amr Mostafa	amr.mostafa@fldc.cu.edu.eg	Dr. Gehan Safwat

62.	Kareem Osama	American University in Cairo	The synthesis of low density lactobionic acid coated chitosan nanoparticles for targeted drug delivery in Huh7 cell lines.	Dr. Salma Tamam	salma.tammam@gmail.com	Dr. Radwa Mekii
63.	Ahmed Hamed	American University in Cairo	The synthesis of high density lactobionic acid coated chitosan nanoparticles for targeted drug delivery in Huh7 cell lines.	Dr. Salma Tamam	salma.tammam@gmail.com	Dr. Radwa Mekii
64.	Abbas Ezzat	Plant Tissue Culture	Invetro antifungal effect of silver nano particles against Rhizoctonia solani strain isolated from date palm	Dr. Sherif El Sharabasy	Sharabasydates@yahoo.com	Dr Osama Saad
65.	Ahmad Jamal	Plant Tissue Culture	Plant tissue culture and nanotechnology	Dr. Sherif El Sharabasy	Sharabasydates@yahoo.com	Dr. Osama Saad
66.	Eman Ashraf	Plant Tissue Culture	Using NPK nanoparticles in microtuber and multiplication in potato plant by using tissue culture	Dr. Sherif El Sharabasy / Dr. Gamal Abdelkereem Elsayed	Sharabasydates@yahoo.com	Dr. Osam Saad

67.	Sohila Ahmad	El-ansary labs	Correlation between mean fluorescence intensity and the antibody mediated rejection in renal transplanted patients	Dr. Mirvat Elansary	Mervatelansary@gmail.com	Dr. Gehan Safwat
68.	Samar Khaled	Nanotechnology Centre	Doping TiO <sub>2</sub> with polyethylene in food packaging	Dr. Ola Elborady	Olachem_elborady@yahoo.com	Dr. Riham Mohasen
69.	Ahlam Khaled	Nanotechnology Centre	Preparation and Characterization of TiO <sub>2</sub> (Titanium dioxide	Dr. Ola Elborady	Olachem_elborady@yahoo.com	Dr. Riham Mohasen
70.	Nouran Samir	Nanotechnology Centre	Synthesis, Characterisation and Encapsulation efficiency of ginger oil nanoparticles.	Dr. Ola Elborady	Olachem_elborady@yahoo.com	Dr. Riham Mohasen
71.	Aya Nasser	Nanotechnology Centre	Toxic effect of Zinc Oxide nanoparticles on the cotton leafworm Spodoptera littorals	Dr. Ola Elborady	Olachem_elborady@yahoo.com	Dr. Riham Mohasen
72.	Hussen Ahmed	Central lab, Horticultural Research Centre	Physiological and molecular studies on three species of moringa plants to examine medical use and best species to culture	Dr. Gihan Ahmed  Dr. Abeer Aboeldahab	Gihan_ahmed@yahoo.com	Dr. Gehan Safwat

73.	Rammez Mitry	MSA University	Screening certain Species of germs Bacillus isolated from oil field production water. For the production of biosurfactants useful in petroleum industry	Dr. Ali Diab		Dr Ali Diab
74.	Abdulhadi Sami	MSA University	Biodegradation of n-alkanes during the bioremediation of oil-polluted River Nile water as affected by the addition of biosurfactant	Dr. Ali Diab		Dr Ali Diab
75.	Radwa Mostafa	MSA University	Study of the responsive regulations of wali genes on the drought stress in corn	Dr. Osama Saad	osaad@msa.eun.eg	Dr. Osama Saad
76.	Bassant Ashraf	MSA University	Quantification of critical MYB genes' expression in Egyptian wheat as salt stress regulatory factors	Dr. Osama Saad	osaad@msa.eun.eg	Dr. Osama Saad
77.	Alaa Reda	MSA University	Molecular Identification of Fungi Degrading Cellulose using ITS rDNA for biofuel production	Dr. Amr Ageez	aageez@yahoo.com	Dr. Amr Ageez



