

قسم صحة المناطق الحارة
TROPICAL HEALTH DEPARTMENT



TROPICAL HEALTH DEPARTMENT

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العدد الأول لعام ٢٠٢١ - مايو



Message from the Head of

Tropical Health Department



NEWSLETTER

I am pleased to publish the first Newsletter of the Tropical Health Department, HIPH. I thought the best thing to start with is to document the history of the department, which was established at the hands of pioneering professors, and I am honored to succeed these great men at the head of the department.

I pray to God to help us complete what our professors started to the fullest.

يسعدني إصدار أول نشرة لقسم صحة المناطق الحارة بالمعهد العالي للصحة العامة. وقد تأيت أن تكون توثيقا لتاريخ القسم الذي أنشئ علي أيدي أساتذة رواد وأشرف أن أخلف هؤلاء العظماء في رئاسة القسم. وأدعو الله أن يعيننا على استكمال ما بدأه أساتذتنا على أكمل وجه.

نبذة عن تاريخ المعهد

أنشئ المعهد العالي للصحة العامة في أغسطس ١٩٥٥ لمنح درجات الماجستير والدكتوراة في فروع الصحة العامة المختلفة. كان المعهد عند إنشائه تابعا لوزارة الصحة يرأس وزير الصحة مجلسه الأعلى ويرأس مجلس إدارته مدير المعهد بعضوية رؤساء الأقسام. ثم اقتصر لفترة على منح درجة الدبلوم إلى أن صدر القرار الجمهوري رقم ٣٣ لسنة ١٩٦٣ بضم المعهد إلى جامعة الإسكندرية. وفي إبريل ١٩٦٨ وافق المجلس الأعلى للجامعات أن يقبل به التسجيل لدرجتي الماجستير والدكتوراه وأبقى المعهد على درجه الدبلوم. بدأ المعهد مع ابتداء السنة الدراسية ١٩٦٨/١٩٦٩ في قبول التسجيل لهذه الدرجات العلمية حتى صدور اللائحة في ١٩٧٣ بعد صدور القرار الجمهوري الذي أقر هذه الدرجات العلمية.



تاريخ إنشاء القسم

أنشئ القسم تحت اسم "الصحة الريفية وصحة المناطق الحارة" حتى قام ا.د. عبدالفتاح الشريف أستاذ ورئيس قسم "الطفيليات والحشرات الطبية" (وكان عميد المعهد آنذاك) في أوائل سبعينات القرن الماضي بدمج قسم "الطفيليات والحشرات الطبية" مع قسم "الصحة الريفية وصحة المناطق الحارة" وأسماه قسم "صحة المناطق الحارة" وتحويله إلى تخصصات مستقلة: "الطفيليات" + "الحشرات الطبية" + "ناقلات الأمراض" + "الصحة الريفية" + "صحة المناطق الحارة". وفي الثمانينيات من القرن الماضي تم ضم تخصص "الحشرات الطبية" مع تخصص "الطفيليات" ليصبح تخصص "الطفيليات والحشرات الطبية" في عهد ا.د. ياسين الصادق. في عام ٢٠٢٠ تم الانفصال عن تخصصي الرعاية الصحية الأولية وناقلات الأمراض ليشمل القسم تخصصي "صحة المناطق الحارة" و "الطفيليات والحشرات الطبية" تحت مسمى "صحة المناطق الحارة و الطفيليات" ثم استعاد اسمه الأصلي "صحة المناطق الحارة" في ٢٠٢١.



أعضاء هيئة التدريس و المدرسون المساعدون و المعيدون بالقسم في تاريخ أول مجلس معهد

قسم صحة المناطق الحارة .:

السيد الاستاذ الدكتور/ عثمان حافظ عنان

(رئيس مجلس القسم)

تخصص صحة المناطق الحارة .:

السيد الدكتور/ محمد نور الدين إسماعيل النجار

(مدرس)

السيد الطبيب/ عزت محمد حسن

(مدرس مساعد)

تخصص الصحة الريفية .:

السيد الاستاذ الدكتور/ ابراهيم محمد مراد

(أستاذ)

السيدة الدكتورة/ أمال السيد محمد خيرى

(مدرس)

تخصص الطفيليات .:

السيد الاستاذ الدكتور/ عبد الفتاح الشريف

(أستاذ وعميد المعهد)

السيدة الدكتورة/ رشيدة محمد رشيد بركات

(مدرس بالخارج)

السيدة الطبيبة/ أبتسام علي إبراهيم عمر

(مدرس مساعد)

السيدة الطبيبة/ نادية خميس حسن سليمان

(مدرس مساعد)

السيد الطبيب/ حسن كامل بسيوني محمد

(معيد)

السيدة الطبيبة/ سميرة محمود الدالي

(معيدة)

تخصص الحشرات الطبية .:

السيد الاستاذ الدكتور/ محمد فخر الدين الصاوي

(أستاذ)

السيدة الطبيبة/ زينب محمد شيبه الحممد

(مدرس مساعد)

السيدة الطبيبة/ نجيبه فؤاد لطفي عبد الله

(معيدة)

السيدة الطبيبة/ ثناء أحمد محمود المصري

(معيدة)

تخصص مقاومه ناقلات الأمراض .:

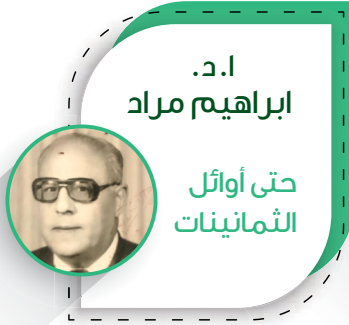
السيد الاستاذ الدكتور/ عثمان حافظ عنان

(أستاذ)

السيدة الطبيبة/ ثريا عبد المجيد الفقى

(مدرس مساعد)

قائمة بتسلسل رؤساء القسم منذ نشأته

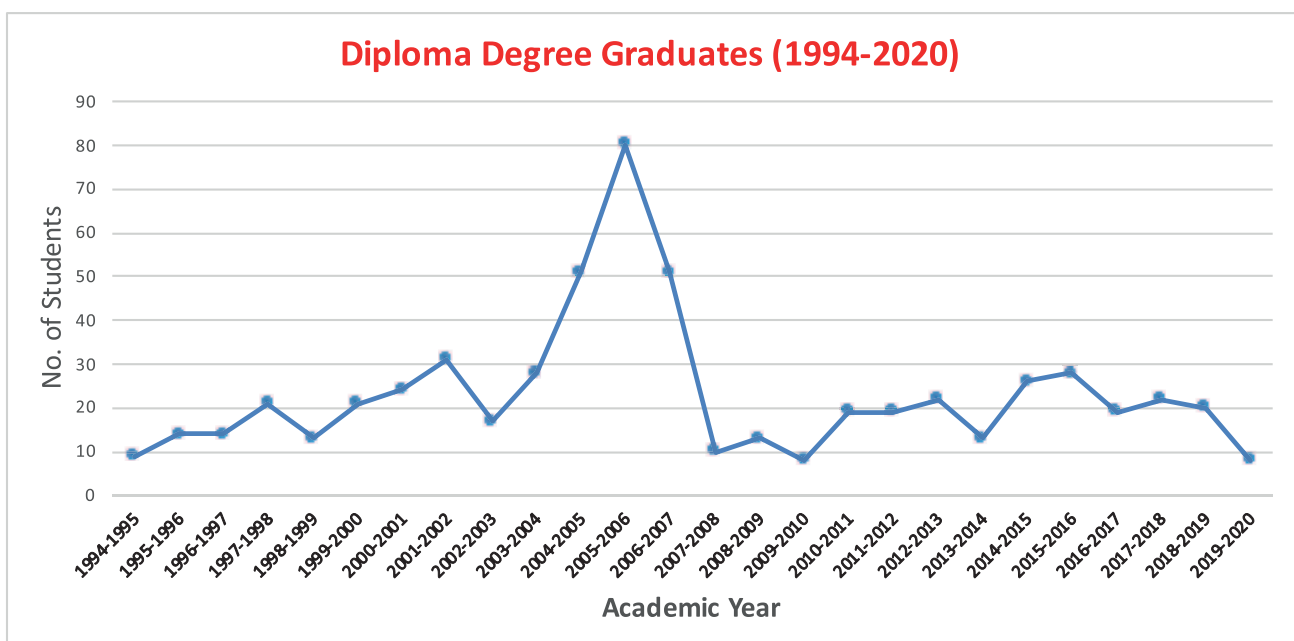
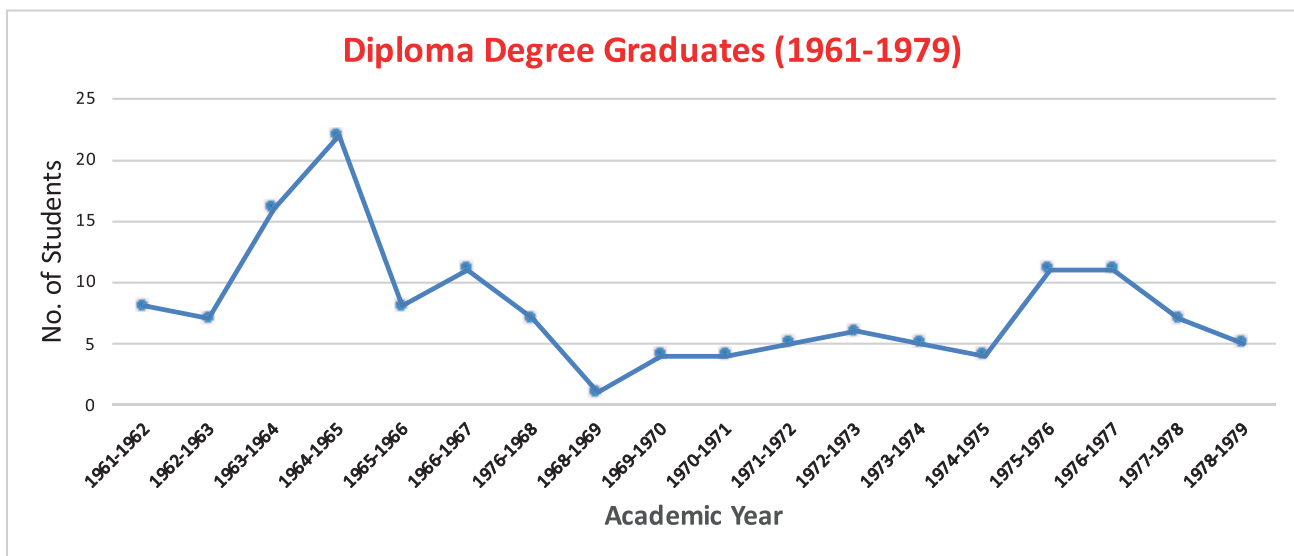




أعداد خريجي القسم منذ نشأته

Graduates Numbers in Tropical Health Department

أولاً : خريجي درجة الدبلوم Diploma Degree Graduates





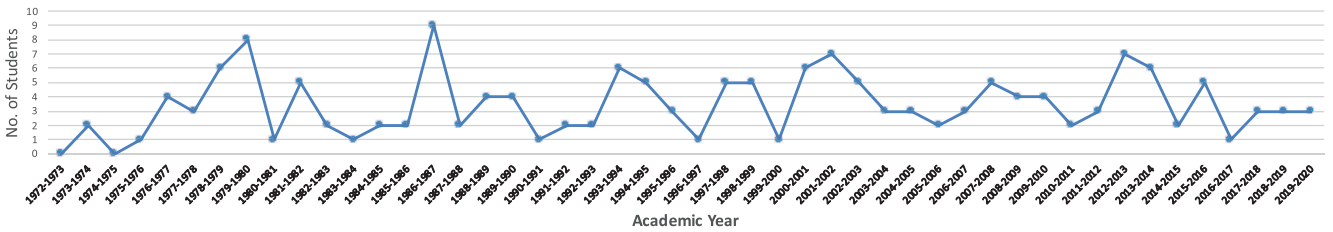
أعداد خريجي القسم منذ نشأته

Graduates Numbers in Tropical Health Department

ثانياً: خريجي درجة الماجستير

Master Degree Graduates

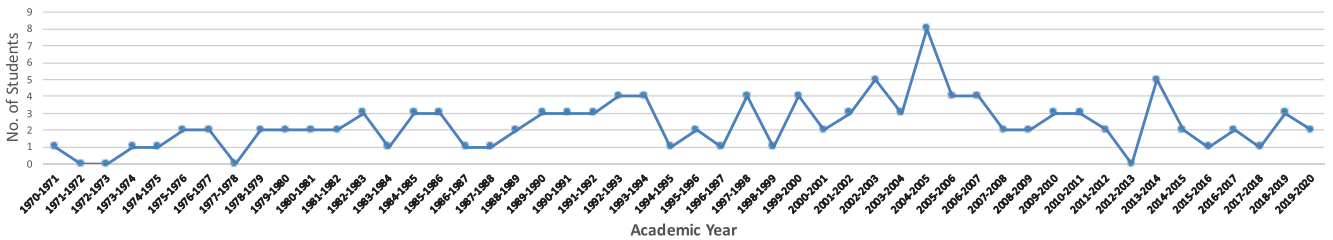
Master Degree Graduates (1972-2020)



ثالثاً: خريجي درجة الدكتوراه

Doctorate Degree Graduates

Doctorate Degree Graduates (1970-2020)





أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Mohamed Fakhr Eldin Alsawy	1958	Parasitology	Immunity to Helminthic Infection
Mohamed Fathy Hafez Ragab	1958	Vector Control	Anopheles Mosquito Control in Egypt
Youssef Sedky Ismail	1958	Vector Control	Evaluation of Different Methods of Snail Control
Abdelhamid Mohamed Ali Elhady	1958	Vector Control	The Use of Sodiumpentachlorophenate as a Molluscicide
Talaat Mohamed Zaghloul	1958	Vector Control	The Value of Copper Sulphate in Bilharzia Control
Mahmoud Moustafa Ahmed	1958	Vector Control	Resistance to Insecticides
Amin Ahmed Abo El-Hassan	1958	Vector Control	The Effect of High Dam on Bilharziasis . The Suggested Lines of Prevention and Control
Osman Mohamed Kamel	1958	Vector Control	Bionomics of Anopheline Mosquito
Ahmed Mohamed Ahmed Abd El-Naby	1958	Vector Control	Fly Control in Egypt
Gerges Tadrus Sedarus	1960	Parasitology	Intestinal Province of Swine in Egyptian Province U.A.R
Ali Mohamed Slet	1960	Vector Control	Filariasis with Special Reference to Wuchereria Infection in Egyptian Province U.A.R.
Malka Atef Mahmoud	1960	Vector Control	The Public Health Importance of Common Animal Ectoparasites in Egyptian Province U.A.R
Mohamed Ragheb Sadek	1961	Vector Control	Trends in Malaria Eradication with Special Reference to the Southern Province U.A.R



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Soraya Abdel Megid El-Fiki	1972	Vector Control	Joint Toxic Action of Some Insecticides Tested Against a Susceptible Strain of Bed Bug Cimex Lectularius
Ebtissam Ali Omar	1973	Parasitology	Prevalence of the Common Intestinal Protozoal Infections and the Factors Affecting it Among the Students of the Various Levels of Education in Alexandria
Hassan Kamel Bassiouny	1975	Parasitology	Hymenolepis Nana Among School Children in Alexandria
Mohamed Shaaban Abdel Moneim	1976	Vector Control	The Effect of Sublethal Doses of Certain Pesticides on the White Rat
Naguiba Fouad Loutfy	1976	Entomology	A Study on Scabies in Alexandria
Samira Mahmoud El-Daly	1977	Parasitology	Prevalence of Trichuris Trichiura Among School Children in Alexandria
Sanaa Ahmed El-Masry	1977	Entomology	Study of the Effect of Secretions and Excretions and Other Body Constituents of Some Insects of Public Health Importance in Egypt
Adel Nabih Marcos	1978	Parasitology	Use of the Serodiagnostic Methods for the Evaluation of the Meat Inspection Procedure for Trichinosis in Pigs Slaughtered in Alexandria Slaughter
Amal Aziz Ahmed El-Rashedy	1978	Parasitology	Studies on the Identification of Antibiotic Products in Food and Food Stuffs
Amir Mohamed Khalil	1978	Vector Control	Comparison Between the Inhibitory Effect of Organic Phosphates and Carbamates on Cholinesterase Enzyme in Warm Blood Animals and Insects



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Mohamed Abd El-Rahman Shehata	1978	Vector Control	The Effect of the Agricultural Insecticide on the Susceptibility Levels of Snails Intermediate Host of Bilharziasis to Different Molluscicides
Amira Mahmoud Saad Ahmed Kotkat	1978	Tropical Health	A Study on the Prevalence of Trichomonas Vaginalis Among Gynecological Patients Attending El-Shatby Hospital
Sir El-Khatim El-Gazouli Gamil	1978	Rural Health	Rural Health Services in the Sudan
Ahmed Abd El-Raouf Rashwan	1979	Parasitology	Detection of Trichinella Spiralis on Stray and Domestic Dogs, Cats, Rats, Mice, and Other Possible Hosts in Alexandria
Ahmed El-Sayed Abdel Motty	1979	Parasitology	Toxoplasma Infection in Some Domestic Animals and Men in Alexandria
Ahmed Samy Abdel-Latif	1979	Parasitology	Prevalence of Toxocara Canis Infection Among Dogs and Among Some Children Attending Students Hospital in Alexandria
Monira Zaky Khalil	1979	Parasitology	A Study of Fascioliasis in Farm Animals and Man
William Botros Habeel	1979	Parasitology	Echinococcosis in Some Animals and Their Human Contacts in Alexandria
Hamdy Badie Mohamed	1979	Vector Control	Effect of Prolonged Exposure of Biomphalaria Alexandrina Snails to Low Concentrations of Some Molluscicides
Moustafa Abd El-Hameed	1979	Vector Control	The Effect of Diet on the Toxicity of Some Pesticides in Rats
Nermine Mahmoud Abdel-Aal	1979	Rural Health	Appraisal of the Services Provided by a Rural Health Unit in Alexandria
Abd El-Aziz Fahmy Abd El-Rahman	1980	Parasitology	The Prevalence of Trichostrongylus Species in Man and Farm Animal in an Agricultural Area in Egypt



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
El-Sammani El-Sheekh El-Gassim	1981	Parasitology	Evaluation of Enzyme Linked Immuno-sorbent Assay (ELISA) as a Diagnostic Tool for Schistosomiasis
Laila Sadek Hanna	1981	Parasitology	Effect of Some Parasitic Infections on Some Endocrine and Metabolic Functions in Young Ages
Aly Abdel Khalek Hamed El-Sebae	1981	Vector Control	The Effect of Pesticides on Protein Metabolism in some Mammalian Tissues
Isabelle Garrbis Berberian	1981	Vector Control	Biological Alterations due to Acute and Chronic Exposure to Some Organophosphorus Insecticides in Rats
Hafzy Nasr Kabak Omar	1981	Vector Control	Distribution of Biomphalaria Alexandrina, the Intermediate Host of Schistosoma Mansoni, in Upper Egypt Governorates (Suhage, Qena and Aswan)
El-Sayed Abd El-Ghaffar Ahmed	1982	Parasitology	The Prevalence of Heterophyes in Man, Animals and Various Fish Hosts in Edku Area
Osama Mohamed Ahmed	1982	Vector Control	The Effect of Bioaccumulation of Certain Organic Insecticides on Some Biological Functions of Fish
Sorya Abdel Aziz Torauah Sharaf	1983	Parasitology	The Interaction of an Organophosphorus Insecticide (Surcide) and Schistosomiasis Mansoni on Liver of White Mice
Abdelatif El-Daw Yousif	1984	Parasitology	Immunological Investigation of Visceral Leishmaniasis Among School Children
Shehata Dawoud Shehata	1984	Vector Control	The Present Distribution of the Snail Vectors of Schistosomiasis in an Agricultural Area in Beheira Governorate
Mokbeel Zakareia Abdel-Gualil	1985	Entomology	Important Bionomics of Some Anopheles Mosquitoes in Egypt
Mohamed Yousri Abdel Kader	1985	Tropical Health	Serological Diagnosis of Toxoplasmosis Among Mentally Retarded Children



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Laila Abdel Fattah El-Sayed Moussa	1986	Parasitology	Toxoplasma Gondii Infection Among Cows, Buffaloes, Sheep and Goats in Alexandria
Al-Hussain Nagib Youssif El-Khatib	1986	Vector Control	Effect of Some Synthetic Pyrethroids on Certain Biological Systems of White Rats
Basant Mohamed Fahmy El-Hawary	1986	Vector Control	Fate of Radioactive 14-C-DDT and 14C-Lindene in the Aquatic Ecosystem
Magdy Wilson Boules	1986	Vector Control	Study of the Interaction Effects of Insecticides and Rodenticides on the Workers Occupationally Exposed to Pesticides
Nadia Emam Abou-El-Ela	1986	Vector Control	Fate of Labelled Insecticides and Enzymatic Induction in Warm Blooded Animals (Rats)
Azza Mohamed Galal Farghaly	1986	Tropical Health	Ecology of Fungal Skin Diseases Among Pupils of Basic Education in Alexandria
Abdel-Rahman Lotfy Abdel-Rahman	1986	Tropical Health	Ecological Study of Virus Hepatitis in Alexandria Stressing the Host Reactions
Ola Mohamed Nawar	1986	Tropical Health	Anaemia as a Public Health Problem in Preschool Children in Alexandria
Bothina Mohamed Sami	1986	Rural Health	The Role of Rural Drinking Water and Human Water Interaction in Transmission of Intestinal Protozoal Infections in a Nile Delta Village
Abd El-Meguid Hamdy	1987	Vector Control	The Susceptibility of Different Mosquito Types in Ismailia Governorate to Some Insecticides
Madiha Mohamed Abd ElHalim Talha	1987	Vector Control	Mammalian Selectivity Towards the Toxicity of Some Insecticides
Abdel Ghany Mohamed	1988	Parasitology	Evaluation of Some Immunological Tests in the Diagnosis of Visceral Leishmaniasis in Experimental Animals
Amal Farhat Mohamed Allam	1988	Parasitology	A Study on the Trematode Parasites in Biomphalaria Alexandrina



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Hala Nasser El-Morshedy	1988	Parasitology	Seroepidemiological Survey of Mediterranean Visceral Leishmaniasis Among Children Less Than Five Years of Age in Alexandria
Omya Mohamed Shata	1988	Tropical Health	Pathologic Intestinal Protozoal Infection in Alexandria
Hany Miligy Mamdouh	1989	Parasitology	A Seroepidemiological Study of Human Hydatidosis in Borg El-Arab, Marsa Matrouh Governorate
Magdy M. Fouad El-Moselhy Ragab	1989	Parasitology	The Use of Helisoma Duri Snails for the Biological Control of Biomphalaria Alexandrina in the Laboratory
Mona Hassan El-Sayed	1989	Parasitology	Susceptibility of Biomphalaria Alexandrina From Beheira and Kaliubieh to Infection with Schistosoma Mansoni
Nashaat Adel Selim	1989	Vector Control	Field and Laboratory Studies on Mosquito Larvae Susceptibility to Some Current Insecticides in Cairo Governorate
Nabila Fouad El-Sayed Soliman	1990	Parasitology	Stronglyoides Stercoralis Infection Among School Children (6-13 years) in Rural Areas in Alexandria
Amel Abd El-Fattah El-Sahn	1991	Parasitology	Study of Some Factors Related to the Development of Symptoms Among Giardia Lamblia Infected Children
Ashraf Ahmed Zaher Zaghloul	1991	Primary Health Care	Role of Primary Health care in Alexandria in Control of Infectious Skin Diseases
Mohamed Ahmed Abd El-Raheem	1992	Tropical Health	Ecological Factors Affecting Lung Functions Among Pulmonary TB Cases Under Treatment
Rabie Saber Ahmed Eid	1992	Parasitology	Animal Fascioliasis in Al-Menofia Province
Rashad Hamdan Abdel-Rahman	1993	Tropical Health	Occurrence of Cryptosporidium and Giardia Lamblia in Some Water Bodies and Sources in Alexandria City
Safaa Mohamed Eissa	1993	Parasitology	Larvicidal Action of Some Insecticides Against Musca Domestica and Culex Pipiens Larvae



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Amel Youssef Shehab	1993	Parasitology	Studies on the Value of Fasciola Excretory Secretory Products as Antigens in the Immunodiagnosis of Acute Human Infection
Saadia Abd El-Aziz Hassan	1993	Parasitology	Cryptosporidiosis Among Farm Animals and Their Attendants in a Rural Area in Alexandria
Abdel-Moneam Abdel Aleem	1993	Parasitology	A Seroepidemiological Study of Hydatidosis Among Slaughtered Food Animals in Behira Governorate
Ola Abdel Moneim Akl	1993	Primary Health Care	The Study of Essential Drugs Provision in Different Types of Primary Health Care Institutions in Alexandria
Salem Nasser Gaber El-Gabry	1994/1995	Tropical Health	Assessment of the Implication of Some Parasitic Infections and some Other Factors in the Development of Dyspepsia
Shahinaz Aly Mohamed	1994/1995	Parasitology	Evaluation of the Agar Plate Method for the Detection of Strongyloides Stercoralis in Alexandria Rural Primary School Children
Moustafa Ali El-Fadly	1994/1995	Parasitology	Study of Parasitic Infections Among Visually Handicapped Students in Alexandria
Hanan Farooq Ibrahim	1994/1995	Parasitology	Parasitic Causes of Hepatosplenic Affection in an Egyptian Village (Nile Delta)
Amany Ibrahim Shehata Hassan	1994/1995	Parasitology	A Study on the Changing Pattern of Schistosomiasis Infection in Two Villages El-Beheira Governorate
Samia Salem Al-Tubiakh	1995/1996	Vector Control	Bionomics of Mosquito in Kuwait
Azza Mohamed Ali Hassan	1995/1996	Parasitology	A Study on Animal Meat as a Source of Toxoplasma Infection in Alexandria
Mohamed Taha Al-Maktari	1995/1996	Parasitology	Malaria Situation in Zabid District Al-Hodeidah Governorate Republic of Yemen



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Ahmed Ahmed Hamed El-Ragal	1996/1997	Tropical Health	Use of the Seroclinical Indices as Prognostic Tools for Hepatitis B Virus Infection
Amr Ahmed Yakout Sabra	1997/1998	Primary Health Care	The Role of Primary Health Care in the Control of Acute Respiratory Tract Infections in Children Under Five Years in Two Institutions in Alexandria
Latifa Abdul Alim Al-Shibany	1997/1998	Parasitology	Prevalence and Risk Factors of Taenia Solium Infection Among Pigs and Their Contacts
Saleh Attia Abbas Tolba	1997/1998	Primary Health Care	Quality Assessment of the Role of Traditional Birth Attendants in Primary Health Care
Hend Aly Mohamed El-Tawil	1997/1998	Parasitology	Intestinal Protozoal Infection as a Factor in the Occurrence of Diarrhea and Malnutrition Among Preschool Children
Wael Mohamed El-Sayed Ibrahim	1997/1998	Parasitology	Immunoparasitological Studies on the Effect of Triclabendazole on Human Fasciolosis
Azza Abdel Fattah Hassan	1998/1999	Parasitology	Effect of Schistosomiasis on the Reproductive Efficacy in Mice Experimentally Infected with Schistosoma Mansoni
Saleh Ahmed Mursi Mohamed	1998/1999	Primary Health Care	Integration of a Medicinal Plant Core List in Primary Health Care in Benghazi Libya
Wafaa Mohamed Ibrahim Keshik	1998/1999	Parasitology	Study of Parasitic Infections Among Ras Gharib Schools Students in Red Sea Governorate
Ismail Mabrouk Ismail	1998/1999	Tropical Health	Risk Factors for Development of Gall Bladder Disease
Gehane Moustafa Kamal Taha	1998/1999	Parasitology	Study of Trichinella Spiralis Infection Among Rodents in Alexandria
Sheren Saad Elsayed Hassan	1999/2000	Tropical Health	Hepatitis B Virus Infection Among Patients with Malignant Lymphoproliferative Disorders



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Gehad Taha Mohamed Elsherbiny	2000/2001	Parasitology	Study of Gastrointestinal Zoonotic Protozoan Infections
Abdelaziz Hassan Elmasry	2000/2001	Tropical Health	Pulmonary Tuberculosis Among Attendants of Alexandria Health Insurance Chest Clinic
Ahmed Mansour Shabib Mahmoud	2000/2001	Tropical Health	Incidence and Risk Factors for Hepatitis C Seroconversion Among Patients on Chronic Hemodialysis in Alexandria
Good Ismael Elkhwesky	2000/2001	Parasitology	Transmission Pattern of Fasciola Infection in an Egyptian Village, Abo-Homos District, Beheira Governorate
Ahmed Mohamed Abdelfattah	2000/2001	Parasitology	Evaluation of ELISA Test for Detection of Giardia Lamblia Specific Copro Antigen Among Children of a Primary School
Mohamed Elazizy Mohamed Gemeay	2000/2001	Tropical Health	Hepatitis C Infection Among Schistosomal and Non-schistosomal School Children in Shobrakheet Beheira Governorate
Sheren Mohamed Mohamed Hessien Elsherief	2001/2002	Parasitology	Quality Assurance in Diagnosis of Parasitic Infection
Engy Mohamed Ali El-Ghitany	2001/2002	Tropical Health	Risk Factors of Fatty Liver ; A Case Control Study
Abdelsalam Mohamed Hamed	2001/2002	Primary Health Care	Assessment of Community Participation in Urban Primary Health Care Services in Hodeida, Republic of Yemen
Mohamed Ahmed Soheil	2001/2002	Primary Health Care	Impact of Community Involvement on Infancy Vaccination Coverage in Rural Areas of Hodeidah Republic of Yemen
Sameh Shata Mohamed Zaiton	2001/2002	Tropical Health	Immunity Status Against Hepatitis (A) Among School Children in Alexandria
Salah Abdelgalel Ahmed	2001/2002	Parasitology	Intestinal Parasitic Infections Among the Residents of Orphanages in Alexandria



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Suzan Ali Ahmed Abo Ghonem	2001/2002	Tropical Health	Study the Plasma Level of Iron and Zinc in Vitamin D Deficiency Rickets in Infants and Children in Alexandria
Abdelsadek Ramadan Abdelsadek	2002/2003	Tropical Health	Chlamydia Infection as a Risk Factor for Coronary Heart Disease
Nahla Mostafa Abdelkader	2002/2003	Parasitology	Emerging Intestinal Protozoa Among Rural Primary School Children Infected with Schistosoma Mansoni
Zahraa Fathy Ahmed Amer	2002/2003	Primary Health Care	The Effectiveness of Family Planning Counselling Approaches Followed by Primary Health Care Physicians
Azza Mohamed Elsaaed	2002/2003	Parasitology	Ecological Factors Affecting the Prevalence of Some Parasitic Infections Among Elementary School Children in a Village in West Alexandria
Hala Mohamed Shehata Ali	2002/2003	Parasitology	Blastocystis Hominis Among Infants and Preschool Children in an Urban and a Rural Area in Alexandria
Ghada Wagdy Mahmoud	2003/2004	Tropical Health	Immunogenicity of Recombinant Hepatitis B Vaccine Among Immuno-compromised and Repeatedly Blood Transfused Children
Basem Adel Elsayed Elhabet	2003/2004	Tropical Health	Nutritional Assessment of Fasciolosis, Single or Combined with Schistosomiasis
Soha Hassan Abdellatef	2003/2004	Vector Control	Monitoring of House Fly (Musca domestica) Population Density in Alexandria Governorate and Assessment of its Susceptibility Towards Some Commonly Used Insecticides
Samira Mohamed Mahboub	2004/2005	Tropical Health	Physical and Mental Manifestations of Iron Deficiency Among Adolescent Girls
Khalil Ali Elsayed Ali	2004/2005	Tropical Health	Blood Changes in Hepatitis C Patients
Reham Mohamed Elsayed Kotb	2004/2005	Primary Health Care	The Role of the Family Physician in Early Detection of Some Handicapping Conditions Among Children Under Six Years in Alexandria



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Mahinaz AbdulAziz Ahmed Gab Allah	2005/2006	Vector Control	Tracing of Residues and Assessment of Toxicity of Different Formulations of a Household Delete in Insecticide
Ibrahim Ibrahim Abdelkader	2005/2006	Tropical Health	Study of Intestinal Parasitic Infection Among Toshka Population
Mourad AbdelHamid Mohamed Qasem	2006/2007	Tropical Health	Study of HBV and HCV Infections as Risk Factors for Hepatocellular Carcinoma in Alexandria
Ekram Wassim AbdulWahab	2006/2007	Tropical Health	Leukemia Among Children in the University Pediatric Hospital
Mohamed Hassan Ali Hassan	2006/2007	Tropical Health	A Study of Jaundice Among Pregnant Women in Alexandria
Fatma Fawzy Omar	2007/2008	Vector Control	Ecology of Some Important Vectors in the North-Western Coast of Alexandria Governorate
Engy Othman Alkomy	2007/2008	Parasitology	Efficacy of Triclabendazole Against Experimental Schistosoma Mansoni Infection
Ashraf Ibrahim Mikhael	2007/2008	Tropical Health	Efficacy of a New Treatment Regimen for Human Brucellosis
Faika Ibrahim Ali Hassanain	2007/2008	Parasitology	Association of Acute Lymphocytic Leukemia in Children with Some Ecto- and Endo- Parasites
Wael Ibrahim Mohamed Alkotb	2007/2008	Parasitology	Effectiveness of a Single Dose of Ornidazole in Giardiasis Treatment
Ahmed Attia Abdelrasol	2008/2009	Parasitology	Prevalence of Intestinal Parasitic Infections Among the Residents of Orphanages in Alexandria
Mohamed Abdelrahman Nasser	2008/2009	Vector Control	Susceptibility of Mosquitoes Towards Recently Used Insecticides
Neveen Mohamed Ibrahim Alsayed	2008/2009	Parasitology	Quality Assurance of the School Based Parasitic Control Programme in Alexandria
Nagah Mohamed AbdelAal Hassanain	2008/2009	Vector Control	Some Biological Parameters Among Rural Area Population Exposed to Pesticides



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Mai Mahmoud Abdelghafour	2009/2010	Parasitology	Study of Some Plant Essential Oil Compounds Against Schistosoma Mansoni Infection in Experimental Animals
Marwa Ramadan Ahmed Anan	2009/2010	Primary Health Care	Role of Family Physician in Management of Skin Infections and Allergies
Ehssan Mohamed Ibrahim Moustafa	2009/2010	Parasitology	Prevalence of Intestinal Parasitic Infections Among Appendectomised School Students in Alexandria
Rashad Ahmed Ali AbdelGhany	2009/2010	Parasitology	Efficacy of Artemether-Myrrh Combination on Schistosoma Mansoni in Experimentally Infected Mice
Ahmed Awad Amin Ahmed Alkahky	2010/2011	Primary Health Care	Assessment of Health Related Quality of Life in Patients with Knee Osteoarthritis Through Family Practice in Alexandria
Amira Ismail Amer Ali Nada	2010/2011	Parasitology	The Impact of Intervention Programs on Giardia Lamblia Infection in Day Care Centers
Mery Shawky Khalil Ibrahim	2011/2012	Primary Health Care	Assessment of Family File Utilization Family Physician Practice in Alexandria
Randa Mahran Ali Mahran	2011/2012	Parasitology	Bionomics Study of Phlebotomine Sandfly Species in Alexandria West
Heba Ibrahim Mohamed Alhaddad	2011/2012	Parasitology	Assessment of Ocular Instillation of Hydatid Cyst Fluid Antigen as a Screening Tool for Cystic Echinococcosis in Livestock
Iman Mohamed Gaber Shehata	2012/2013	Tropical Health	Study of Insulin Resistance in Children with Chronic Hepatitis C Virus
Mai Tantawy Hassan Tantawy	2012/2013	Parasitology	Giardia Lambia and Helicobacter Pylori Concomitant Infections Among School Children in Alexandria
Bassem Mohamed Nada Mohamed	2012/2013	Primary Health Care	The Role of the Family Physician in Management of Rickets Among Underfive Children in Alexandria
Ashraf Mohamed Alsayed Mohamed	2012/2013	Parasitology	Parasitic Infections Among Alexandria School Children and Relationship to Schoolyards Soil Contamination



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Ahmed Fouad Selim Mansour	2012/2013	Tropical Health	The Demographic Criteria, Diagnosis and Medical Prognosis of Cases of Fever of Unknown Origin Admitted to Alexandria Fever Hospital During the Years 2009 and 2010
George Henry Saba Orfaly	2012/2013	Primary Health Care	Assessment of Depression Among Type II Diabetes Mellitus Patients Through Family Practice in Alexandria
Yasmine Mohamed Al-Kassabany	2012/2013	Tropical Health	Fatty Liver Disease Among School Children in Alexandria
Hoda Salah Elden Ali	2013/2014	Tropical Health	Some Sexually Transmitted Infections Among Street Children in Alexandria
Wafaa Mohamed Saleh Mossa	2013/2014	Parasitology	Contamination of Raw Eaten Vegetables with Intestinal Parasites in Abis 2 Village in Alexandria, Egypt
Hassan Mahmoud Hassan Elzein	2013/2014	Tropical Health	Study of Long Term Immune Response to Hepatitis B Virus Vaccine Among Type 1 Diabetic Students in Alexandria
Mohamed Abdelkader Abdelaziz	2013/2014	Primary Health Care	Evaluation of Egyptian for Practice Guidelines Family Physicians in Alexandria
Manal Mohamed Ahmed Mekky	2013/2014	Primary Health Care	Antibiotic Prescription for Acute Upper Respiratory Tract Infections and Diarrhea in Under Five Children in Alexandria Family Health Facilities
Mona Sabry Metwally Elsharkawy	2013/2014	Primary Health Care	Study of Postpartum Depression in Alexandria Family Medicine Facilities
Essam Attia Ibrahim Aslan	2014/2015	Parasitology	Evaluation of the Efficacy of Pediatric Formula of Praziquantel Against Schistosoma Mansoni in Experimental Animals
Eglal Saad Ghanem Eltahan	2014/2015	Tropical Health	Viral Hepatitis B and C Infections Among Street Children in Alexandria
Ahmed Abdelmaksoud	2015/2016	Tropical Health	Seropositivity of Hepatitis C Virus Infection Among School 6-15 Years Aged Children in Alexandria Governorate
Ramy Mohamed Mohamed Ghazy	2015/2016	Tropical Health	Hepatitis C Virus Infection Among Children in El-Amreya District, Alexandria



أسماء خريجي درجة الماجستير وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Master Thesis Title
Naser Saad Mohamed Sayed	2015/2016	Parasitology	Immune Response to Hepatitis B Vaccine Among Primary School Children in an Endemic Area of Schistosomiasis in Beni-Suef
Mohamed Abdelsalam Mohamed	2015/2016	Tropical Health	Travel Health Attitude, Knowledge and Practices Among Egyptian Travelers
Nehad Ibrahim Mohamed Taktak	2015/2016	Vector Control	Promising Formulations of Mosquitocides
Abdelaziz Mohamed Sabry Abdelaziz	2016/2017	Tropical Health	Assessment of Meningitis Scoring System in Predicting the Diagnosis and Prognosis of Meningitis
Amira Mahmoud Mohamed Essa	2017/2018	Parasitology	Sero-Prevalence and Factors Associated with Toxoplasma Gondii Infection Among Pregnant Women Attending Antenatal Care Clinics in Alexandria Egypt
Tahani Fathy Younis Elaraby	2017/2018	Parasitology	Comparative Study of Different Diagnostic Techniques for Trichomonas Vaginalis Infection Among Women Suffering from Virginals
Nourhan Ramdan Darwish Mostafa	2017/2018	Primary Health Care	Assessment of Application of Drug Use Indicators in Family Health Centers in Alexandria
Doaa Hassan Abdelghany	2018/2019	Vector Control	Curcuma Longa Loaded Chitoan Nano Capsules as Promising Mosquito Larvicide
Fatma Mahrous Tawfik	2018/2019	Parasitology	Pediculus Humanas Capitis Among Primary School Children in El-Agamy, Alexandria
Aziza Ahmed Abas	2018/2019	Tropical Health	Assessment of Post Treatment Improvement in Liver Fibrosis in Chronic HCV Patients Using Some Non Invasive Biomarkers
Amira Salem Abdelhamid	2019/2020	Parasitology	Validity of Copro Antigen ELISA test Versus Coproscopic Techniques for Diagnosing Blastocystis Hominis Among Hemodialysis Patients
Talaat Farag Mabrok Farag	2019/2020	Tropical Health	Development of a Clinical Rule for Prediction of Meningitis in HIV Patients
Rehab Ahmed Zain Elabden	2019/2020	Tropical Health	Validation of a Non Laboratory Based Screening Tool for Predicting Non Alcoholic Fatty Liver Disease



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Rashida Barakat	1970	Parasitology	Evaluation of Various Schistosoma Antigens in the Diagnosis and as Criteria of Cure in Bilharziasis
Amal El-Sayed Mohamed Khairy	1973	Rural Health	The Role of Some Ecological Factors in Determining the Skin Lesions in a Rural Area in the A.R.E
Mohamed Mohamed Balba	1974	Vector Control	Field and Laboratory Studies on Anopheline Mosquito Species and Their Relation to Public Health and Methods of Control
Souraya Abdel-Megeed El-Fiki	1975	Vector Control	Interaction Between Organic Insecticides in Animals
Gamal Eldein Sli Galal	1975	Tropical Health	A Study of the Epidemiologic Pattern of Enterica Among Army Recruits in ARE
Ebtissam Aly Ibrahim Omar	1976	Parasitology	Domestic Animals as Possible Reservoirs of Entamoeba Histolytica
Zeinab Mohamed Shaibet El-Hamd	1976	Entomology	Field Study of the Musca Domestica and American Cockroach (Periplanta Americana) as Carriers for Some Pathogenic Micro-Organisms, Protozoa and Metazoa in Alexandria
Ezzat Mohamed Hassan	1977	Tropical Health	A Study of the Effect of Ascaris Lumbricoids Infection on Physical Development Among School Age Children and on Intestinal Absorption
Hassan Kamel Bassiouny	1978	Parasitology	Nutritional Studies in Rats Infected with Hymenolepis Nana
Essam El-Din El-Hafnawy Enan	1979	Vector Control	The Effect of Pre-exposure to Some Pesticides Synergists and Inducers on Some Biological Functions in Albino Rats
Naguiba Fouad Loutfy	1979	Entomology	Clinico-epidemiologic Study of Skin Manifestations Among School Children in Relation to the Common Parasites in Alexandria
Mervat Adel Ahmed El-Masry	1980	Vector Control	Evaluation of the Efficiency of Some Insect Growth Regulators for the Control of Egyptian Housefly , Musca Domestica Vicina Maca



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Sanaa Ahmed El-Masry	1980	Entomology	Studies in Insect Bite Allergy
Amira Mohamed Saad Ahmed Kotkat	1981	Tropical Health	Study the Effect of Certain Factors Applied to Mice on Their Susceptibility to Bilharziasis
Samira Mahmoud El-Daly	1981	Tropical Health	Parasitic Infections Among Preschool Children in Daycare Centres in Alexandria
Nadia Khamis Hassan Soliman	1982	Parasitology	Study of Factors Leading to Development of Symptoms Among Hookworm Infected Persons
Mohamed Abd El-Rahman Shehata	1982	Vector Control	The Effect of Hydrobiology and Water Pollutants on the Efficiency of the Commonly Used Molluscicides
Sabra Nasr Kabak Omar	1982	Vector Control	Studies of Some Ecological Factors Affecting Prevalence of Snail Vectors of Bilharziasis in Lake Maryut at Alexandria
Nabil Moustafa Ahmed Badr	1983	Tropical Health	Evaluation of Some Human Field Survey Methods for Diagnosis of Schistosomiasis Among New Recruits From Northern Delta
El-Sammani El-Sheikh El-Gassim	1984	Parasitology	Evaluation of some Serological Techniques in the Diagnosis of Toxoplasmosis Among Primary School Children
Aly Abd El-khalke Hamed	1984	Vector Control	Biochemical and Toxicological Response to Insecticides in Different Blood Groups
Nermine Mahmoud Abdel Aal	1984	Rural Health	The Egyptian Experience in Rural Primary Healthcare Strategies and Planning for the Year 2000
Ahmed Samy Abdel-Latif	1985	Parasitology	Epidemiological and Biological Studies on Fascioliasis in Abis 1 Village Beheira Province
Isabelle Garbis Berberian	1985	Vector Control	Interaction of Some Organophosphorus Insecticides with Certain Biochemical Targets in Rabbits
Samir Mohamed Badr	1985	Tropical Health	Viral Hepatitis and Parasitic Diseases



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Mohamed Rafat Ahmed Zaki	1986	Tropical Health	A Study of Cutaneous Leishmaniasis in East of Delta
Abd El-Latif Eldaw Yousif	1987	Parasitology	Immunization Trial Against Experimental Visceral Leishmaniasis
Shehata Dawod Shehata	1988	Vector Control	The Effect of the Tile-drainage System on the Distribution, Population Density, and Susceptibility of the Snail Vectors of Schistosomiasis in an Agricultural Area in Behera Governorate
Mohamed Yousri Abdel Kader	1988	Tropical Health	A Study of Delta Virus Infection Among Patients with Virus Hepatitis B and Chronic Hepatitis in Alexandria
Abdalla Mohamed Abdalla Shimaila	1989	Vector Control	Effect of Some Additives on the Toxicity of Certain Rodenticides Against White Rat Fed on Different Diets
Osama Mohamed Ahmed Awad	1989	Vector Control	The Toxicological Effects of Some Insecticides on Chromosomes in Rats
Azza Mohamed Galal Farghaly	1989	Tropical Health	Materno-fetal Transmission of HBsAg
Hamdy Badie Mohamed Abdala	1990	Parasitology	Toxicological Studies of Some Pesticides on Biomphalaria Alexandrina Snails
Soraya Abdel-Aziz Sharaf	1990	Parasitology	Biochemical and Histological Changes in the Brain and Health of Schistosoma Mansoni Infected White Mice Exposed to Two Anticholinesterase Insecticides
Ola Mohamed Nawar	1990	Tropical Health	Changes of Some Trace Elements in Schistosomal Hepatic Fibrosis
Hassan Farag Mohamed Farag	1991	Tropical Health	Some Trace Elements Changes in Ischemic Heart Disease
Abdel Ghany Mohamed	1991	Parasitology	Assessment of Vaccine Induced Protective Immunity Against Experimental Schistosoma Mansoni Infection
Manal Riad Koura	1991	Primary Health Care	A Study of the Role of Alexandria. Primary H. Care Program in the Assessment of Behaviour Disorders of Primary School Children
Nadia Emam Abou-Alazm	1992	Vector Control	Laboratory Evaluation of Toxicity of Some Antimoulting Insecticides and Fenvalerate



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Amal Farhat Mohamed Baiomy	1992	Parasitology	Studies on the Lymna Fasciola (Host-Parasite) Relationships in Abis Area
Mona Hassan Mohamed El-Sayad	1992	Parasitology	Field and Experimental Studies on the Prevention and Control of Fascioliasis
Bothaina Mohamed Sami Deghedi	1992	Primary Health Care	The Role of Primary Health Care in the Detection and Management of Common High Risk Pregnancies in Urban and Rural Alexandria
Hala Nasser El-Morshedy	1993	Parasitology	Evaluation of Circulating Anodic Antigen in Diagnosis and Cure Assessment of Human Schistosomiasis
Magdy Mohamed Ragab	1993	Parasitology	The Use of Lanistes Carinatus Snail for the Biological Control of Biomphalaria Alexandrina Under Laboratory Conditions and Estimation of its Nutritive Value as Poultry Feed Supplement
Saad Mohamed Al Madhi	1993	Primary Health Care	Evaluation of the Primary Health Care Delivery System in Al-Baha Saudi Arabi
Mohamed Saad Ziada	1993	Primary Health Care	A Study of the Immunization Activity of Primary Health Care in Control of Poliomyelitis in Alexandria
Madiha Mohamed Abd El-Halim	1994/1995	Vector Control	Toxicological Studies of the Botanical Molluscicide (Damsissa) on Some Non Target Organisms of Aquatic Ecosystem
Hanan Mohamed Zakaria Shatat	1995/1996	Tropical Health	Changes of some Trace Elements in Diabetes Mellitus
Amel Abd El-Fattah El-Sahn	1995/1996	Parasitology	Study of Immune Response, Histopathological Changes and Oocyst Excretion Pattern in Experimental Cryptosporidiosis
Mostafa Sobhi Hammouda	1997/1998	Tropical Health	A Study of Human Brucellosis Among Pregnant Women in Kafr El-Dawar
Abdel-Hamid Galal Abdel-Hamid	1997/1998	Tropical Health	Study of Chronic Dysentery Using Fibroptic Endoscopy
Safaa Mohamed Eissa	1997/1998	Parasitology	Evaluation of Vaccination Trial Against Experimental Fascioliasis with a Purified Fasciola Gigantica Antigen
Ikram Ibrahim Al-Adwai Badr	1998/1999	Tropical Health	Study of Some Infectious Health Problems Among Addicts



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Ola Abdelmeneam Akl	1999/2000	Primary Health Care	Quality Assurance of the Role of the Primary Health Care Teams in Community Participation in Birth Control
Nabila Foad Elsayed Soliman	1999/2000	Parasitology	Biochemical and Histopathological Studies on Mice Experimentally Infected with Trichinella Spiralis
Ahmed Ahmed Hamed Elragal	1999/2000	Tropical Health	A Prospective Study of Hepatitis C Virus Intervention Therapy
Samia Salem Fahd Elaly Eltabekh	1999/2000	Vector Control	Development of a Novel Integrated Methodology to Control the Prevailing Mosquito Larvae (Culex pipiens) Complex in Kuwait State
Amr Ahmed Yakot Sabra	2000/2001	Primary Health Care	Quality Assessment of Diabetes Mellitus Control in Primary Health Care in Alexandria
Wael Mohamed Elsayed Ibrahim Lotfy	2000/2001	Parasitology	Study on the Species of Fasciola in an Endemic Area in Alexandria Governorate
Hanan Farouk Ibrahim	2001/2002	Parasitology	Study of Parasitic Infection Among Suspected Immunocompromised Hosts
Amany Ibrahim Shehata Hassan	2001/2002	Parasitology	An Epidemiological Study of Human Fascioliasis in Abis VIII Village
Sherif Reda Omar	2001/2002	Tropical Health	Study of Hepatitis C Virus Infection Among Diabetes Mellitus and Schistosomal Hepatic Fibrosis Patient
Emad Elden Mohamed Hassan	2002/2003	Tropical Health	Changing Profile of Enteric Fever in Alexandria
Hend Ali Mohamed Eltaweel	2002/2003	Parasitology	Immuno-parasitological Study on Common Intestinal Protozoal Infections Among School Students
Mohamed Taha Elmokatry	2002/2003	Parasitology	The Assessment of Plasmodium Falciparum Response to Chloroquine in Al-Hodeida Governorate Republic of Yemen
Latifa Abdelalam Noaman Elshebey	2002/2003	Parasitology	Schistosomiasis in Taiz Governorate Republic of Yemen: Parasitological Profile and Development of a School Based Health Education Model



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Gehad Taha Mohamed	2002/2003	Parasitology	Comparative Study on Diagnosis of Trichomonas Vaginalis
Salwa Mohamed Ahmed Dahesh	2003/2004	Parasitology	Malaria Situation in Fayoum Governorate
Ahmed Mansour Shayb Mahmoud	2003/2004	Tropical Health	An Interventional Study for Prevention of HCV Infection in Some Hemodialysis Units in Alexandria
Magda Mohamed Osman Fahmy	2003/2004	Vector Control	The Impact of Agricultural Activities and Practices on the Abundance of Some Vectors
Nagat Monier Khalil Barshan	2004/2005	Parasitology	Parasitic Infections and Their Impact on Growth of Preschool Children in Tripoli - Libya
Hanan Mohamed Meselhy Mossa	2004/2005	Parasitology	Parasitic Contamination of Recreational Waters in Alexandria
Mostafa Ali Abdelsalam Elfadly	2004/2005	Parasitology	Immuno Parasitological Study in Bilharzia Patients with or without Hepatitis C Virus in El-Beheira Governorate
Ahmed Abdelfattah Hassan Megahed	2004/2005	Parasitology	Surveillance for Endemic Intestinal Protozoal Infections Among Children of a Rural Primary School
Azza Abdelfattah Hassan	2004/2005	Parasitology	Intervention Programs to Control Some Intestinal Parasitic Infections in a Village in West Alexandria
Engy Mohamed Ali El-Ghitany	2004/2005	Tropical Health	Pattern of Persistent and Recurrent Diarrhea in Preschool Children. A Follow up Study of the Effect of Zinc Supplementation
Hesham Abdelkader Ayoub	2004/2005	Tropical Health	Study of Some Health Problems of Young Adults Presenting for Military Service in Alexandria
Sameh Ahmed Mahfouz Elmasry	2004/2005	Tropical Health	A Prospective Study of Acute Virus Hepatitis E in Alexandria Fever Hospital
Salah Abdelgalil Ahmed Haidar	2005/2006	Parasitology	Cryptosporidiosis Among Diarrhoeic Children in Rural and Urban Communities: A Comparative Study



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Souzan Ali Ahmed Abo Ghonaim	2005/2006	Tropical Health	Study of the Serum Level of Aflatoxin B1 in Adult Patients with Positive Hepatitis C Virus Infection in Alexandria
Ismail Mabrouk Ismail	2005/2006	Tropical Health	Urolithiasis Risk Factors in a Follow up Study
Sameh Sheta Mohamed Zaitoun	2005/2006	Tropical Health	Assessment of Hepatitis B Serological Profile Among School Children 10 Years After Compulsory Vaccination
Saadia AbdelAziz Hassan Awad	2006/2007	Tropical Health	Study of Mites in House Dust and its Relation to Asthmatic and Atopic Skin Patients in Alexandria
AbdelRahman Salem Alkawary	2006/2007	Primary Health Care	A Primary Health Care Obesity Control Program for Qatari Women and its Relationship to Diabetes
Nahla Mostafa AbdelKader	2006/2007	Parasitology	The Association of Soil Transmitted Helminthiasis and Schistosomiasis with Subtle Morbidity Among Primary School Children in Kafr El-sheikh governorate
Zahraa Fathy Ahmed Amer	2006/2007	Primary Health Care	Patient Compliance Through Holistic Management of Hypertensive Patients by Family Physician in Alexandria
Hala Mohamed Shehata Ali	2007/2008	Parasitology	Blood Transfusion and Toxoplasma Gondii Infection Among Patients with Malignancies
Soha Hassan AbdelLatif	2007/2008	Vector Control	Pesticides-Induced Alterations in Immune Competence of Male Albino Rats
Mohamed Ahmed Sohail Ali	2008/2009	Primary Health Care	Assessment of the DOTS Services Provided in Urban Primary Health Care Centers, Hodeidah, Republic of Yemen
Mohamed Alazizi Gemaiz	2008/2009	Tropical Health	Chronic Liver Disease in Shibrakheet, Beheira governorate
Noha Shawky Aly Mostafa	2009/2010	Primary Health Care	Osteoporosis Risk Assessment for Adult Females Through Family Practice In Alexandria



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Riham Alsayed Mohamed Kotb	2009/2010	Primary Health Care	Integrated Management of Coronary Diseases at Risk Groups via Family Medicine in Alexandria
Samira Mohamed AbdelHamid	2009/2010	Tropical Health	Effectiveness of the Fasciolicidal Drug Myrrh in Treatment of Human and Animal Fascioliasis
Joud Ismail Ahmed Hassan	2010/2011	Parasitology	A Community Based Study of Strongyloides Stercoralis Infection in a Rural Area of Beheira Governorate
Nour Aldeen Altaher Fadl Allah Ali	2010/2011	Vector Control	Application of Geographic Information System and Remote Sensing Technologies to Study Malaria Vectors in Sudan
Omaima Mohamed Hamdy Almaniawy	2010/2011	Primary Health Care	Assessment of Care Provided for Diabetic Patients in Primary Health Care Centers in Alexandria
Azza Mohamed AbdelRahman	2011/2012	Parasitology	Evaluation of Staff Performance and Material Resources for Diagnosis of Some Parasitic Infections in Alshatby Pediatric Hospital, Alexandria
Faika Ibrahim Mohamed Hassanain	2011/2012	Parasitology	Association of Inflammatory Bowel Disease and Irritable Bowel Syndrome with some Intestinal Parasitic Infections
Wael Ibrahim Mohamed Elkotn	2013/2014	Parasitology	Comparative Study of Different Diagnostic Approaches for Cryptosporidium Infection Among Diarrheic Children
Sasha Ahmed Mahmoud Youssf	2013/2014	Tropical Health	Unclassical Risk Factors of Acute Coronary Syndrome
Safaa Hassona Mekhemr Hassona	2013/2014	Tropical Health	Response to HBV Booster Immunization Among Type 1 Diabetic School Students with Unprotective Level of Anti-HBs in Alexandria
Mohamed Fadl Khalil Berbesh	2013/2014	Tropical Health	Impact of Serum Ferritin and Other Predictors on Response to Antiviral Therapy in Chronic Hepatitis C Virus Patients in Liver Center of Elkabary Hospital in Alexandria



أسماء خريجي درجة الدكتوراه وعناوين الرسائل الخاصة بهم

Name	Year	Speciality	Doctor Thesis Title
Nagah Mohamed Abdelaal Hassanen	2013/2014	Vector Control	Risk Assessment of Pesticides Exposure Among Pray Men in Some Agricultural Areas
Ingy Osman Elkomy Elsayed	2014/2015	Parasitology	Evaluation of Polymerase Chain Reaction (PCR) Assay for the Detection of Schistosoma Mansoni DNA in Human Stool Samples
Ashraf Ibrahim Mikhael Ibrahim	2014/2015	Tropical Health	The Interaction Between Insulin Resistance and Early Virology Response to the Conventional Treatment Among Chronic Hepatitis C Patients
Hoda Ahmed Saad Elden Abdallah	2015/2016	Tropical Health	Asthma Action Plan for Proactive Bronchial Asthma Self Management in Adults - a Randomized Control Trial
Randa Mahran Ali Mahran	2016/2017	Parasitology	Evaluation of Vector Control Services in Alexandria
Amira Ismail Ahmed Ali Nada	2016/2017	Parasitology	Molecular Characterization and Transmission Dynamics of Cryptosporidium Species Among Preschool Children in Abis 10in Alexandria
Yasmine Mohamed Elkasabany	2017/2018	Tropical Health	Screening for Hepatitis C Among High Risk Groups in Egypt Validation of a Developed Short Risk Assessment Screening Tool
Eman Mohamed Gaber Shehata	2018/2019	Tropical Health	Effect of Life Style Intervention and Supplementation of Omega 3 Polyunsaturated Fatty Acids on Children with Non Alcoholic Fatty Liver Disease
Rodayna Gaber Hessin Radwan	2018/2019	Primary Health Care	Health Relste Quality of Life of Obese and Non Obese Asthmatic Patients in Alexandria Family Health Centers
Eman Abdlhamed Mohamed Elsayed	2018/2019	Primary Health Care	Evaluation of an Interventional Training Program about Patient Safety in Alexandria Family Health Centers
Walid Adam Eltaher Eldoma	2019/2020	Vector Control	Malaria Vectors Abundance and Monitoring of Their Insecticide Resistance in Sudan
Samy Mohamed Ali Hassaballah	2019/2020	Vector Control	Monitoring and Evaluation of Different Malaria Vector Control Activities in Sudan



بعض خريجي القسم Some of Our Alumni

د. محمد محمد عبد المنعم غنيم

- الجنسية: مصري
- المؤهل : حاصل على دبلوم صحة عامة تخصص صحة مناطق حارة عام ١٩٨٧ .
- المعهد العالي للصحة العامة - جامعة الأسكندرية
- المنصب : شغل منصب مدير الإدارة الصحية بكفر الدوار - محافظة البحيرة ،
- شغل منصب مدير الطب الوقائي بمديرية الشئون الصحية - محافظة البحيرة
- عمل استشاري في برنامج استئصال مرض شلل الأطفال من العالم مع منظمة الصحة العالمية في دولة باكستان الإسلامية

د. سالم ناصر جابر الجابري

- الجنسية: يمني
- المؤهل : حاصل على ماجستير صحة عامة تخصص صحة مناطق حارة عام ١٩٩٥ .
- المعهد العالي للصحة العامة - جامعة الأسكندرية
- المنصب : يشغل منصب نائب وكيل وزارة الصحة بمحافظة أبين باليمن الشقيق .

د. اكرام ابراهيم العدوي بدر

- الجنسية: مصري
- المؤهل : حاصل على دكتوراة صحة عامة تخصص صحة مناطق حارة عام ١٩٩٧ .
- المعهد العالي للصحة العامة - جامعة الأسكندرية
- المنصب : شغل منصب في وزارة الصحة بدولة الكويت .

د. عبد الحميد جلال عبد الحميد

- الجنسية: مصري
- المؤهل : حاصل على دكتوراة صحة عامة تخصص صحة مناطق حارة عام ١٩٩٧ .
- المعهد العالي للصحة العامة - جامعة الأسكندرية
- المنصب : يشغل منصب ضابط أول ترصد (Officer Surveillance Senior) في صلالة في سلطنة عمان.



بعض خريجي القسم Some of Our Alumni

د. عهاد الدين محمد حسن

- الجنسية: مصري
- المؤهل : حاصل على دكتوراة صحة عامة تخصص صحة مناطق حارة عام ٢٠١١ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية .
- المنصب : شغل منصب مدير ادارة الأمراض المتوطنة بمديرية الصحة و السكان محافظة الاسكندرية . أيضاً شغل منصب وكيل أول وزارة الصحة و السكان - محافظة بورسعيد

د. سامح أحمد محفوظ المصري

- الجنسية: مصري
- المؤهل : حاصل على دكتوراة صحة عامة تخصص صحة مناطق حارة عام ٢٠٠٤ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية
- المنصب : شغل منصب أخصائي أول بمستشفى الحميات - محافظة الاسكندرية أيضاً شغل منصب في وزارة الصحة بدولة الكويت .

د. اسماعيل مبروك اسماعيل

- الجنسية: مصري
- المؤهل : حاصل على ماجستير صحة عامة تخصص صحة مناطق حارة عام ١٩٩٨ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية
- حاصل على دكتوراة صحة عامة تخصص صحة مناطق حارة عام ٢٠٠٦ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية
- المنصب : يشغل منصب بإدارة مكافحة العدوى بجدة في المملكة العربية السعودية.

د. عثمان عبد الرحيم عثمان

- الجنسية: مصري
- المؤهل : حاصل على دبلوم صحة عامة تخصص صحة مناطق حارة عام ٢٠١٢ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية .
- المنصب : شغل منصب مدير ادارة الأمراض المتوطنة بمديرية الصحة و السكان محافظة الاسكندرية
- أيضاً شغل إدارة مكافحة العدوى في مجموعة أرامكو بالمملكة العربية السعودية



بعض خريجي القسم Some of Our Alumni

د. مصطفى أحمد مصطفى حنيش

- الجنسية: مصري
- المؤهل : حاصل على دبلوم صحة عامة تخصص صحة مناطق حارة عام ٢٠١٥ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية .
- المنصب : يشغل منصب مدير الإدارة الصحية بكفر الدوار - محافظة البحيرة .

د. عبد الله محمد أحمد عبد الله سالم

- الجنسية: مصري
- المؤهل : حاصل على دبلوم صحة عامة تخصص صحة مناطق حارة عام ٢٠١٥ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية .
- المنصب : يشغل منصب نائب مدير مستشفى بكفر الدوار المركزي - محافظة البحيرة .

د. هدى أحمد سعد الدين

- الجنسية: مصرية
- المؤهل : حاصلة على دكتوراة صحة عامة تخصص صحة مناطق حارة عام ٢٠١٦ .
- المعهد العالي للصحة العامة - جامعة الإسكندرية .
- المنصب : شغلت منصب أخصائي أول أمراض صدرية بمستشفى جمال عبد الناصر للتأمين الصحي - محافظة الإسكندرية
- شغلت منصب مدير العيادة الشاملة بمجمع الكليات النظرية بجامعة الإسكندرية تشغل حالياً منصب عضو هيئة تدريس مشارك بجامعة فاروس - محافظة الإسكندرية



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 1

Title: The effect of Damascus plant in the prevention of schistosomiasis and *Fasciola hepatica*.

Principal investigator: Mohamed Fakhr Eldin El-Sawy

Funding agency: Canadian International Center for Research Development

Conclusion: Damascus plant can be used as a cheap, easily applicable method to destroy most intermediate hosts of human *Schistosoma* parasites belong to the genera, *Biomphalaria* and *Bulinus* and also the genus *Lymnaea* that is important for *Fasciola hepatica* to complete their life cycle.

Year: 1977.

Project 2

Title: The use of pure water in Sidi-Ghazi region to prevent schistosomiasis.

Principal investigator: Mohamed Fakhr Eldin El-Sawy

Funding agency: World Health Organization

Conclusion: Community engagement should be considered in major public health problems such as schistosomiasis. Pure water supply to a region of a high prevalence of schistosomiasis could be a step in the prevention and control of the disease.

Year: 1980s.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 3

Title: Epidemiology of schistosomiasis (Kafr El Sheikh Governorate, Egypt).

Principal investigator: Prof. Rashida Barakat

Funding agency: Schistosomiasis Research Project, SRP(USAID, Egyptian MOH).

Year: 1989-1997.

Collaborators: Prof. Dewolfe Miller, University of Hawaii; Prof. Dan Colley, University of Georgia

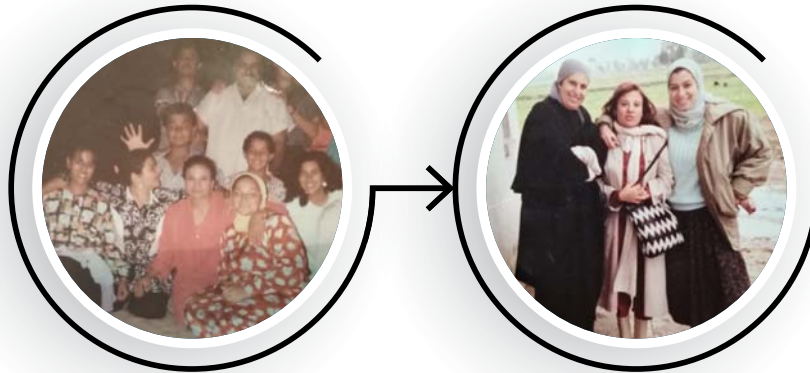
Objectives:

1. To determine the prevalence, intensity of infection of human schistosomiasis among 18,000 individuals of all ages in 44 villages and satellites in Kafr Elsheikh Governorate, the Nile Delta, Egypt at baseline of the study.
2. To investigate schistosomiasis morbidity using ultrasonography.
3. To determine risk factors associated with infection.
3. To evaluate the efficacy of different praziquantel (PZQ) treatment scenarios to control human schistosomiasis.

Results: Schistosomiasis *mansoni* (*S.mansoni*) is highly endemic, the overall prevalence was about 40%, with a moderate intensity of infection; Geometric mean egg count was 72 epg. Meanwhile, *Schistosoma heamatobium* was diagnosed in only 110 individuals. Prevalence of *S.mansoni* was significantly higher in males and was positively correlated with intensity of infection. Infection indices were the highest in villages in the Northern part of the Governorate. Prevalence, and intensity of infection peaked in 15-30 years age group. Despite the targeted PZQ chemotherapy repeated annually for three years decreased the infection indices, yet transmission continues at an appreciable level. In comparison, mass treatment succeeded to decrease the transmission of infection considerably.

Conclusion: The estimates derived from this large cohort study provided the basis for evaluating control measures for reducing prevalence, intensity of infection, and transmission of human schistosomiasis.

المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department



Project 4

Title: Circulating anodic antigen for detection of *Schistosoma mansoni* infection in Egyptian patients.

PI: Hala Elmorshedy

Co PI: Prof. Rashida Barakat.

Collaborators: Prof. Michael Phillips, Univ of Penn, USA

Funding agency: USAID & Egyptian Ministry of Health and Population through the Schistosomiasis Research Project (SRP).

Year: 1989-1993

Objective: To evaluate the ability of circulating anodic antigen (CAA) to identify infection with *Schistosoma mansoni* in a cohort of 257 Egyptian men.

Main results: Circulating anodic antigen was detected in 117 cases, with an overall test sensitivity before treatment of 0.8. Sensitivity was related to the intensity of infection, ranging from 1.00 with > 400 eggs per gram (epg) of feces to 0.60 for those with < 100 epg. After praziquantel therapy, the level of the antigen was significantly reduced. Specificity was excellent before treatment (1.00, 95% confidence interval = 0.97-1.0), but it decreased to 0.98 four months after treatment. Likelihood ratios were significant for all titers > or = 4.

Conclusion: CAA has moderate sensitivity and excellent specificity when used to identify infection with schistosomiasis, as well as to monitor the results of therapy after at least one month after treatment.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 5

Title: The effect of praziquantel administration on the course of hepatitis B among cases with concomitant schistosomiasis infections”.

Principal investigator : Dr. Azza Galal Farghaly

Co-investigator: Prof. Rashida Barakat

Funding agency : SRP (USAID – MOH Egypt) as young scientist award.

Year:1991

Objective: To study the course of HB virus infection among bilharzia and non-bilharzia patients and to assess the therapeutic effect of praziquantel administration on subsequent course of HB among individuals with concomitant infections.

Results: The results show improvement of both liver function tests and cell mediated immunity as estimated by increased mean value of CD3, CD4, helper/suppressor ratio among individuals who received praziquantel in the two groups with schistosomiasis and concomitant infection. Individuals who lost their HB surface antigenaemia were found to have a higher mean T cells, CD4 values, normal helper/suppressor ratio than those who retained their carrier state.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 6

Title: Epidemiology of schistosomiasis, microlevel approach study.

Principal investigator: Prof. Rashida Barakat.

Funding agency: Schistosomiasis Research Project, SRP (USAID, Egyptian MOH).

Year: 1994-1997.

Objectives:

1. To explore determinants of high versus low prevalence of *S. mansoni* using a comprehensive approach.
2. To compare the healthcare service in the two villages and investigated the schistosomiasis transmission using multiple indicators not only limited to human infection, but also including malacological indices such as shedding and sentinel mice.
3. To create community based KAP portrays comparing a highly prevalent village to a low-prevalence community in the same region.

Results: Selective praziquantel treatment resulted in a significant reduction of prevalence and intensity of infection in both villages, dropping from 35.8% prevalence to 20.6%, in the low-prevalence village, and from 69.5 to 45.9% in the high-prevalence one. Intensity of infection at the base line was 30 eggs per gram (epg) of stool in the low-prevalence village versus 105 epg in the high-prevalence village. However, after the second round, reinfection rebounded by 22% in the high-prevalence village, while a slight improvement of the infection indices was demonstrated in the low-prevalence one.

The level of knowledge was modest in both villages: people knew about self-protection and treatment, but not much about the role of human excreta for schistosomiasis transmission. The level of knowledge was much about the role of human excreta for schistosomiasis transmission.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 6

While all participants maintained that using the water from the canals was inevitable, inhabitants in the high-prevalence village showed significantly lower scores reflecting higher water contact compared to the low-prevalence one. Many of them (67%) did not utilize the health center at all compared to 26% of the people in the low prevalence village. Interestingly, private clinics were seen as the primary source of health care by both villages, but more frequently so in the high-prevalence village (used by 87.2% of the inhabitants) compared to the low-prevalence one (59.8%).

Conclusion: Even if chemotherapy works well as reflected by the observed downregulation of intensity of infection in both villages, reinfection continued due to difficulties to avoid water contact. Efforts must be made to make people understand the role of human excreta for transmission. There is also a need to make people better trust the medical services available.



Project 7

Title: Cellular and humoral responses to *Schistosoma mansoni* vaccine candidate antigens in resistant and susceptible individuals.

Principal investigator (epidemiology part) of the project: Prof. Rashida Barakat.

Funding agency: Schistosomiasis Research Project, SRP (USAID, Egyptian MOH).

Year: 1995-1998.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Collaborators: Prof. Richard Olds, Medical College of Wisconsin, USA; Robert Bergquist, TDR, WHO.

Objectives: To investigate serological reactions and the cytokine responses stimulated by a panel of 10 candidate vaccine molecules in 225 long-term residents of an area endemic for *Schistosoma mansoni* in Egypt using a retrospective and prospective designs.

Conclusion: The immune response profiles produced were unique to each antigen, but no clear “winner” or “winners” were identified. However, markers for both resistance and susceptibility to re-infection were identified for each molecule indicating which types of responses to aim for in vaccination and which ones to avoid. The insights gained from this approach should be useful for antigen selection and ultimately for vaccine formulation prior to Phase I/II trials in humans.

Project 8

Title: “Hepatitis B & C virus infections among patients with gingivitis: Seroprevalence and public health importance”.

Principal investigator: Dr. Azza Galal Farghaly

Co-investigator: Dr. Ghada Mansour

Funding agency: The Community Development and Environment Affairs, Alexandria University.

Year: 1997

Objective: To study seroprevalence of hepatitis B and C virus infections among one hundred cases with periodontal disease (71% gingivitis and 29% adult periodontitis) and one hundred controls with healthy gingiva matched for age and sex.

Results: Cases with periodontal disease showed higher percentages of hepatitis exposure (anti -HCV and/or anti - HBc) and significantly higher anti- HCV seropositivity than the controls. Cases with periodontal disease showed higher detectability rate of HBsAg, anti- HBc, anti- HCV or both



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

anti -HCV and/or anti- HBc in whole unstimulated saliva than the controls. Periodontal disease, severity of bleeding and bad oral hygiene were associated with the risk of hepatitis infection and with the detectability of hepatitis markers in the whole saliva.

Project 9

Title: Schistosomiasis vaccine development project (SVDP).

Principal investigator (epidemiology part) of the project: Prof. Rashida Barakat.

Funding agency: MOHP & USAID.

Year: 1999-2002.



Project 10

Project title: Prophylactic effect of artemether on human schistosomiasis *mansoni* among Egyptian children: A randomized controlled trial.

PI: Hala Elmorshedy.

Co PI: Prof. Rashida Barakat.

Collaborators: Prof. Marcel Tanner, & Prof. Robert Bergquist, Swiss Tropical Institute



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 10

Funding agency: WHO

Year: 2001-2003

Objective: To evaluate the prophylactic effect of artemether (ART) given in conjunction with praziquantel (PZQ) against *Schistosoma mansoni* infection in 913 primary school children randomly assigned to two treatment groups PZQ/ART and PZQ/ART-placebo.

Main results: At baseline, both groups received 40 mg/kg body weight of PZQ twice four weeks apart, after which one group received 6 mg/kg body weight of ART every 3 weeks in 5 cycles during the transmission season and the other group received ART-placebo. At the end of the study, prevalence of infection among the PZQ/ART was approximately half that of the PZQ/ART-placebo group, i.e., 6.7% versus 11.6%, and incidence of new infections for the PZQ/ART was 2.7% versus 6.5% for the PZQ/ART-placebo.

Conclusion: PZQ/ART combined therapy might be considered as an adjunct measure against human schistosomiasis, by specifically reducing transmission and therefore contribute to disease elimination.

Project 11

Title: Occult hepatitis B virus infection among blood donors in Alexandria, Egypt.

Principal investigator: Dr. Engy El-Ghitany

Co-PI: Prof. Azza Farghaly

Funding agency: Alexandria University Research Fund (AURF), Research Enhancement Program (ALEX REP), (HLTH-08-24).

Year: From 01/05/2009 to 01/05/2011

المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 12

Title: Development of an effective screening tool to improve the National Strategy of Hepatitis C Virus Infection Control in Egypt.

Principal investigator: Dr. Engy El-Ghitany

Co-PI: Prof. Azza Farghaly

Funding agency: Science and Technology Development Fund, project no (3469).

Year: From 28/11/2012 to 28/11/2016

Objectives:

- 1- To identify the host-related risk factors associated with HCV seropositivity at Egyptian setting.
- 2- To investigate the ability of these risk factors to predict the HCV-Ab positive individuals.
- 3- To develop and validate an acceptably sensitive and specific short simple questionnaire risk assessment tool to identify individuals who require screening for HCV antibody.
- 4- To study the cost-effectiveness of this screening tool versus mass screening.





المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 12

- 5- To apply the validated questionnaire on the media, internet and tailored campaigns.
- 6- To raise the awareness of the high risk groups as well as the public about the prevention and control of HCV infection.

Project 13

Title: Arachidonic acid against schistosomiasis infection in children and adults.

Sites of the study:

1. Faculty of Science, Cairo University, Giza, Egypt
2. High Institute of Public Health, Alexandria University, Alexandria, Egypt
3. The National Liver Institute, Menoufia University, Shebin El Kom, Menoufia, Egypt

Principal investigators:

Professor Dr. Rashika El Ridi (Cairo University).

Professor Dr. Rashida Barakat (Alexandria University).

Professor Dr. Sahar Selim (Menoufia University).

For Alexandria sites:

PI: Prof. Rashida Barakat (Alexandria University).

Co-PI: Prof. Nadia Emam Abou-El Ela

Funding agency: DSM Nutritional Products

Starting date: 2013

Expected: 1 year

Cooperation:

Egyptian Universities, USA and DSM, Netherlands



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 14

Title: Evaluation of PCR assay for detection of *Schistosoma mansoni* DNA in human stool samples.

Principal investigator: Ramy Mohamed Ghazy

Co-PI: Mohamed Mostafa Tahoun

Funding agency: Joint WHO-TDR Small Grants Scheme (SGS) for operational research in communicable diseases (SGS 16-27)

Year: 2016-2017

Objectives:

General: Evaluation of PCR assay for detection of *Schistosoma mansoni* DNA in human stool samples.

Specific objectives:

1. To determine the prevalence of *S.mansoni* in a single stool sample collected from the study group by Kato Katz and PCR.
2. To evaluate the validity of and performance of PCR in detection of *S.mansoni*.
3. To determine the prevalence of *S.mansoni* after conventional therapy with PZQ.

Results:

The prevalence of *S.mansoni* after examination of single stool sample of 347 individuals aged (5-15 years old) based on four slides KK was (106/347) 30.5%. Regarding intensity of infection 87.7% of infected children were of low intensity meanwhile, high and moderate infection represented 5.7% and 6.6% respectively. The wet mount had a sensitivity and PPV of 5% and 40%, respectively, and had a specificity and NPV of 98.5% and 85.5%, respectively. Cohen's Kappa coefficient (k) was 0.05 indicates poor agreement between wet mount and KK test. The cPCR had a sensitivity and PPV of 25.7% and 100%, respectively, and had a specificity and NPV of 100% and 71.4%, respectively. Cohen's Kappa coefficient (k) was 0.31 which indicates poor agreement between cPCR and KK technique.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 15

Title: Causes and distributions of under-five mortality in Alexandria Governorate using the verbal autopsy and social autopsy studies interview.

Principal investigator: Ramy Mohamed Ghazy

Co-PI: : Mohamed Mostafa Tahoun

Funding agency: WHO-RPPH Research priority in Public Health research grant

Year: 2018-2019

Objectives:

General: To identify causes and distributions of under-five mortality in Alexandria Governorate using the verbal autopsy and social autopsy studies interviews.

Specific objectives:

1. To identify age-specific cause of death among under-five children.
2. To determine causes of mortality in rural, and urban areas.
3. To validate the role of VASA as a tool for determining the cause of under-five mortalities.

Results:

The response rate to VASA was 66%. Neonatal mortality, post-neonatal mortality, and child mortality represented 70.1%, 24.5%, and 5.4% of U5M respectively.

There was no statistically significant difference between males and females in cause-specific mortality fraction (CSMF), $P > 0.05$. The main UCODs among neonates were preterm delivery (57.3%), congenital malformation (17.3%), congenital pneumonia (10.8%), birth asphyxia (8.4%), and stillbirth (3.1%). The most-reported UCODs among post-neonates and children were pneumonia (25.9%), childhood cardiovascular diseases (22.8%), digestive system diseases (11.9%), and diarrhea and dysentery (7.8%). The main UCODs among under-five children were preterm delivery (40.2%), followed by congenital



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 15

malformation (12.1%), pneumonia (7.8%), congenital pneumonia (7.6%), childhood cardiovascular diseases (6.8%), and birth asphyxia (5.9%). Communicable diseases, maternal, neonatal, and nutritional diseases caused 72.0% of U5M, while non-communicable diseases and injuries caused 25.7% and 2.4% of all U5M, respectively.

Project 16

Title: Determinants of *Schistosoma mansoni* transmission in hotspots at the late stage of elimination, Kafr El Sheikh governorate.

Principal investigators: Ramy Mohamed Ghazy

Co-PI: Mai Bader, Nehad Taktak, Mohamed Mostafa Tahoun

Funding agency: WHO-RPPH Research priority in Public Health research grant

Year : 2018-2019

Objectives:

General: To study the determinants of *Schistosoma mansoni* transmission in hotspots at late stage of elimination, Kafr El Sheikh governorate.

Specific objectives:

- a - To estimate the prevalence of human *S.mansoni* infection in correlation to environmental factors seasonally.
- b - To assess the prevalence of snail infection in correlation to environmental factors.
- c - To carry out a malacological survey of the intermediate host seasonally.
- d - To evaluate the role of socio-economic and behavioral factors affecting the prevalence of *S.mansoni* infection.



المشروعات التي تم تنفيذها بقسم صحة المناطق الحارة Projects that have been accomplished at Tropical Health Department

Project 16

Results:

Prevalence of *S.mansoni* infection was significantly higher during summer (19.1%) than during fall (7.2%), $p < 0.01$. The intensity of infection (light, moderate, and high) during summer versus fall was (93.55% vs. 89.38%, 6.45% vs. 8.85, and 0.00% vs. 1.77%), $p < 0.05$. Higher prevalence of human infection was identified among males than females (OR=1.63), children aged 11-15 years than among counterparts aged 6-10 years, (OR=2.96), and if mothers were of low educational level (OR=2.83). The main identified risk factors were contacting the main body of water-canal for either washing clothes, land irrigation, collecting waters, bathing, and garbage disposal, $p < 0.05$. The count of collected *Biomphalaria Alexandrina* was statistically different across seasons ($p < 0.01$) in conjugation with a similar significant difference in water temperature, salinity, turbidity, total coliforms concentration, depth, velocity, and level, $p < 0.01$. Presence of grasses and duckweeds had a significant association with snail infection ($p = 0.001$). Water depth, pH, temperature, and total dissolved salts (TDS) significantly affected the snail count.



May 2021



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