

### **Personal Information:**

**Name:** Marwa Adel Hasby Saad.

**Date & Place of Birth:** 17th June 1982. El-Mehalla El-Kobra Gharbia governorate, Egypt

**Nationality:** Egyptian

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**Languages:** Excellent; Arabic & English, Little; French.

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### **Degrees and Diplomas:**

- M.B.Ch.B., November, 2005 , Faculty of Medicine, Tanta University, Egypt
- M. Sc. in Medical Parasitology: December, 2009 , Faculty of Medicine, Tanta University, Egypt
- IBT-TOEFL TELXML on 16TH January, 2010 with score 98 (equivalent to 600 in Paper based TOEFL & 7 in ILETS)
- ICDL on 12<sup>th</sup> December, 2009
- Continuous medical education certificate: June, 2013
- M.D. in Medical Parasitology: December, 2013 , Faculty of Medicine, Tanta University, Egypt
- Molecular Parasitology diagnostic techniques course, Kasr El-Aini Molecular Parasitology Unit, October-December, 2014
- Training of trainer (TOT1) program, February, 2015
- Trainee in the supreme council of universities workshop of Infection control for IC unit directors, August 2015
- Professional Certified Trainer Program, School of Continuous Education, American University, Cairo, November 2015

### **Present Appointment:**

- Assistant professor and Researcher of Medical Parasitology, Faculty of Medicine, Tanta University, Egypt.
- Counselor and education supervisor of Medical Parasitology Department, Faculty of Medicine, Kafr El-Shiekh University, Egypt.
- Associate trainer in National Faculty & Leadership development Centre, Egypt (NFLDC).
- Professional Certified Trainer, accredited by School of Continuous Education, American University, Cairo.
- Member of Infection control unit in Tanta university hospitals

### **Job Description:**

- Teaching Practical Medical Parasitology curriculum to 3rd grade Egyptian medical students annually since September 2007
- Teaching Practical Medical Parasitology curriculum to 3rd grade Malaysian medical students annually since September 2009
- Teaching Practical Medical Parasitology curriculum to post-graduate medical students of Microbiology, Clinical pathology, Tropical Medicine and Public Health since annually September 2008
- Teaching Lectures of Medical Parasitology curriculum to 3rd grade Egyptian and Malaysian medical students annually since January 2014.
- Teaching Lectures of Medical Parasitology curriculum to post-graduate medical students annually since January 2014.
- Supervision on practical examination of Medical Parasitology of 3rd. grade and post graduate medical students since September, 2007.

- Sharing in establishing and follow up of the E-Learning website of Tanta Medical Parasitology Department since 2010.
- Sharing member in Oral exams and written exams evaluation to 3rd grade Egyptian and Malaysian medical students annually since January 2014.
- Working member in the committee responsible for organization and announcements of the exams marks for 2nd. Grade medical student's since January, 2014.
- Working Member and Supervisor in the Central Laboratory for Scientific Research, in Tanta Faculty of Medicine since December 2012 up till now.
- A Research Member in the project; "Integrated Environmental Management of Water and Wastewater and Assessment of Resulting Health Impact in Kafr El-Zaiat City, Gharbeya Governorate" 2013.
- Supervision on master thesis in Medical Parasitology titled; Incidence of Toxoplasma gondii infection in Parkinson's disease patients and its correlation to Cortisol blood level in Tanta Medical Parasitology Department since June, 2014
- Training Faculties staff members in TCFLD
- One of the trainers in the team responsible for designing and teaching Elective courses for post-graduate Medical students in Tanta University, Faculty of Medicine. (e.g. general courses about communication skills, Basics in experimental laboratory, research ethics...etc.)

#### **National/ International Committees:**

- Member of the Journal of the Egyptian Society of Parasitology.
- Member of the Egyptian Parasitologists United, Egypt (EPU).
- Member of the American Society of Parasitologists.
- Member of the British Society for Parasitology.
- Member of the Australian Society for Parasitology.

#### **Past Appointment:**

- Internship (1 Year): 1/ 3 /2004: 28 / 2 /2005, Tanta University Hospital, Tanta, Egypt. Tanta University Hospital is a 1200 beds major teaching University Hospital.
- General Practitioner (6 Months):1 / 3 /2005: 15 / 5 /2005.
- Demonstrator of Medical Parasitology: June 2006- December 2009 in Medical Parasitology Department, Faculty of Medicine, Tanta University, Egypt
- Assistant Lecturer of Medical Parasitology: December 2009-December 2013 in Medical Parasitology Department, Faculty of Medicine, Tanta University, Egypt.
- A researcher in a competitive project in Tanta University: from January 2013 up till now. The project titled; Integrated Environmental Management of Water and Wastewater and Assessment of Resulting Health Impact in Kafr El-Zaiat City, Gharbeya Governorate, Egypt.
- A working member in Tanta Faculty of Medicine, Central laboratory for medical research, ELISA & immunofluorescence unit.
- Co-coordinator of mastering endnote workshop, held in Tanta Faculty of Medicine, TantaMed Compu Lab, on Wednesday, 20th of November, 2013 and 20th of January 2014.
- Assistant professor in Medical Parasitology department, Faculty of Medicine, Tanta University, Egypt: in January 2014 up till now.

#### **Bibliography:**

- Master thesis titled: A Preliminary Study on the parasitic infections in Immunocompromised children in Tanta University Hospital, 2008-2009.
- A Preliminary study on the prevalence of parasitic infections in immunocompromised children: Sanaa N. Antonios, Osama A. Tolba, Ahmad A. Othman and Marwa A. Saad. A published paper in The Journal of the Egyptian society of Parasitology, vol. 40, no. 3, December, 2010.
- A Preliminary study on the prevalence of parasitic infections in immunocompromised children: Sanaa N. Antonios, Osama A. Tolba, Ahmad A. Othman and Marwa A. Saad. A poster paper in ICOP-XII (12th International conference of Parasitology), Melbourne, Australia, August 2010.
- Teaching practical medical parasitology course, annually from 2009 till now for both national and international students, admitted to 3rd year, Medical course, Tanta University. Average number of students is 150 student/year.
- MD thesis titled: Role of Schistosoma mansoni as a novel method for protection against inflammatory bowel diseases: an experimental animal model. 2010-2013.
- Author of a scientific medical parasitology book titled "Let's Make Medical Parasitology Easily Applied", Published in September, 2015, published by "Dar El-Atebaa, Egypt"
- Co-author in an E-Book on Stem cells and regenerative medicine titled " Developmental and Stem Cell Biology in Health and Diseases ", with a chapter titled "A SCOPE ON STEM CELLS AND HUMAN PARASITES" (still under publication by Bentham scientific e-book).

#### **National/ International Activities:**

- Main organizer of a workshop in Medical Parasitology Department faculty of Medicine, Tanta University, on the laboratory diagnosis of Intestinal & Blood Parasites on 19th of March, 2008, March 28th, 2009 & March 30th 2010.
- One of the organizers of 25th Annual Congress of Tanta University, Faculty of Medicine, Environmental pollution & its impact on human health in March, 30th –April 1st, 2010.
- Trainer in Medical Parasitology post-graduate course session in the 28th annual congress of Tanta University, Faculty of Medicine, on Quality and Medicine.
- Co-ordinator of Mastering Endnote Workshop, held in Tanta Faculty of Medicine, TantaMed Compu Lab, November, 2013 and January 2014.
- Trainer in Tanta Faculty of Medicine, post graduate students elective course 2016

#### **Seminars:**

- Can parasites offer a help when the immune system goes crazy? "The Helminthic Therapy" December 2008, Medical Parasitology dep., Tanta faculty of Medicine.
- Games Parasites Play "The Escape phenomenon" February 2009, Medical Parasitology dep., Tanta faculty of Medicine.
- Malaria Broadcast. January 2011, Medical Parasitology dep., Tanta faculty of Medicine.
- Parasites announce; eat yourself before somebody eats you "Metazoal Programmed cell death & Protozoal Apoptosis " January 2011, Medical Parasitology dep., Tanta faculty of Medicine.
- A Guide to Drinking Water treatment Technologies against Protozoa" December 2012, Medical Parasitology dep., Tanta faculty of Medicine.
- Parasites: Tales of Humanities Most Unwelcome Guests, in February, 2014, Quality Centre of Tanta University, in collaboration of FLDP student project .
- Unpopular but Still Common Causes of Parasitic Diarrhoea in Children in March, 2014, Medical Parasitology dep., Tanta faculty of Medicine.

#### **Training Courses & Course Provider:**

- A workshop on: Hands on basic techniques needed in; the use of laboratory animals in experimental medicine and research, Held at: The Medical Technology Center for Research & Services, Experimental House Unit, Medical research Institute, Faculty of Medicine, Alexandria University.
- A workshop on: Basic Molecular Biology, Held at: The Medical Technology Center for Research & Services, Molecular Biology Unit, Medical research Institute, Alexandria University.

- FLDP workshop on: "Quality Standards in the Education Process" from 11th-14th of June, 2007.
- FLDP workshop on: "Use of Technology in Teaching" from 18th-20th of June, 2007.
- FLDP workshop on: "Research Methods" from 25th-28th of June, 2007.
- FLDP workshop on: "Communication Skills" from 3rd-5th of July, 2007.
- FLDP workshop on: "University Code of Ethics" from 8th -10th of July, 2007.
- FLDP workshop on: "Thinking Skills" from 11th-15th of July, 2007.
- FLDP workshop on: "Scientific Conferences Organization" from 10th-12th of November, 2009.
- FLDP workshop on: "Exams and Student Evaluation Systems" from 17th-19th of November, 2009.
- FLDP workshop on: "Scientific Research Ethics" from 11th-13th of October, 2011.
- FLDP workshop on: "International Publication" from 18th-20th of October, 2011.
- FLDP workshop on: "National and International Competitive Projects" from 8th-10th of January, 2013.
- FLDP workshop on: "University Management" from 22th-24th of January, 2013.
- Continuous Medical Education Certificate: June, 2013
- Participant in "Proposal writing GERLS" of the further domain "Programme Preparation" within the DAAD Kairo Akademie on 29th. October 2013. At the Premises of Faculty of Medicine- Tanta University.
- Participant in "Scientific Thinking and Argumentation Skills for Problem Solving" of the further domain "Academic Skills" within the DAAD Kairo Akademie on 30th. October 2013. At the Premises of Faculty of Medicine- Tanta University.
- Participant in "How to Write a scientific paper" of the further domain "Academic Skills" within the DAAD Kairo Akademie on 31st. October 2013. At the Premises of Faculty of Medicine- Tanta University.
- FLDP workshop on: "Communication Skills" from 1st-2nd of June, 2014.
- FLDP workshop on: "Effective Presentation" from 3rd -5th of June, 2014.
- FLDP workshop on: "Conferences Organization" from 24th-26th of June, 2014.
- Basics on Molecular techniques in Medical Parasitology, in Kasr El-Aini, laboratory of molecular medical parasitology (LMMP), October-December, 2014
- Training of trainers (TOT1) program in TCFLD, February, 2015
- Biomedical Statistics Basic level Workshop, in El-Kasr El-Aini Diagnostic & Research Unit of Parasitic Diseases - DRUP: (2-5 April, 2015)

#### **Scientific Presentations at major National & International Conferences:**

- Can Parasites offer help when the immune system goes crazy? "Helminthic therapy & Autoimmune, Allergic and Inflammatory Bowel Diseases" in the 24th annual congress of Tanta University, Faculty of Medicine, on Geriatric's Health Care and Protection.
- Games Parasites Play! "Relationship between the parasites and their human host including; gaining entry, persistence and exit, with special emphasis on Parasitic Escape Phenomena. A seminar held on Medical Parasitology Dep., faculty of Medicine, Tanta University, on 15th of August, 2009.
- A talk on Helminthic Therapy & its role in immune mediated diseases in the Egyptian Parasitologists United (EPU) 2nd International conference in association with INSTAND/WHO Collaborating centre for Quality Assurance & Standardization in Laboratory Medicine, April, 7th-8th 2010
- Speaker in award session in the 28th annual congress of Tanta University, Faculty of Medicine, on Quality and Medicine, March 4th-8th, 2013, with a research on the prevalence of parasitic infections in the immunocompromised children in Tanta faculty of Medicine, Paediatric hospital.
- Speaker & Trainer in Medical Parasitology post-graduate course session in the 28th annual congress of Tanta University, Faculty of Medicine, on Quality and Medicine, March 8th, 2013.
- Organizer on the behalf of Medical Parasitology Dep. in the 1st Medical Research conference organized by Tanta Student's Scientific Association, in Tanta University, Faculty of Medicine, June 28th-31st, 2013
- Speaker and best research winner in the award session in the 1st Medical Research conference organized by Tanta Student's Scientific Association, in Tanta University, Faculty of Medicine, on Quality and Medicine, June 28th-31st, 2013, with a research on the with a research on the Helminthic Therapy in IBDs
- Speaker & Trainer in Medical Parasitology post-graduate course session with a topic on "Unpopular but Still Common Causes of Parasitic Diarrhoea in Children in the 29th annual congress of Tanta University, Faculty of Medicine, held in March, 2014.
- Participant in the British Society for Parasitology (BSP) Spring meeting, Cambridge University that held 6-9 April, 2014 with a poster titled: S. mansoni therapeutic effect on DSS-induced colitis through FoxP3+ Tregs and Th1/Th2 paradigm.

- Published in the American Society of Parasitologists Annual Meeting held 24-27 July 24, 2014 a research titled S. mansoni therapeutic effect on DSS-induced colitis through TH1/Th2 paradigm and FoxP3+ Tregs, accepted as an oral presentation.
- Speaker & Trainer in Tanta University 2015 annual conference, post-graduate course workshops with a topic on "Parasitic aspect of nosocomial infection", in collaboration with microbiology department in the 30th annual congress of Tanta University, Faculty of Medicine, held in May, 2015.
- Speaker in International Congress of Tropical Medicine and Malaria, Brisbane, Australia (September, 2016), with an oral presentation of a research titled: Schistosomiasis as a Potential Risk Factor in Precipitating Endocarditis, as an early career research grant program winners

### **Conferences Attended:**

- Egyptian society of Cardiology 1st annual meeting of Working group on Cardiovascular Diseases in Women in collaboration with Cardiology Dep. Tanta University, September 14th-15th, 2005.
- 22nd annual congress of Tanta University, Faculty of Medicine, on Enhancement of Medical Services in University Hospitals, March 28th -30th , 2007.
- 27th Annual congress of the Egyptian Union of Basic Medical Science, February 14th, 2008 in El-Kasr El-Aini "Cairo" University.
- Symposium held in The Pathology department, Faculty of Medicine, Tanta University in collaboration with Stanford University, February 12th, 2008
- 23rd annual congress of Tanta University, Faculty of Medicine, on Obesity and Human Health, March 19th-21st 2008.
- 24th annual congress of Tanta University, Faculty of Medicine, on Geriatric's Health Care and Protection, March 10th-12th, 2009.
- The 6th International Conference on Liver and Environment (Risks & Solutions), Tanta, Egypt, January 8th-9th, 2009.
- Egyptian Parasitologists United (PJU) 1st annual conference on A Step forward in the field of Parasitology: Education and Research, March 28th-29th, 2009.
- 25th annual congress of Tanta University, Faculty of Medicine, on Environmental pollution & its impact on human health, March 30th- April 1st , 2010.
- Egyptian Parasitologists United (EPU) 2nd International conference in association with INSTAND/WHO Collaborating centre for Quality Assurance & Standardization in Laboratory Medicine, April, 7th-8th 2010.
- 2010 African Telemedicine, Telehealth and E-learning Conference "Telehealth Conference for Africa, Middle East, Asia and Europe: Bridging the Gap in Medicine", October 23rd- 25th, 2010.
- 28th annual congress of Tanta University, Faculty of Medicine, on Quality and Medicine, March 4th-8th, 2013.
- 1st Medical Research conference organized by Tanta Student's Scientific Association, in Tanta University, Faculty of Medicine, June 28th-31st, 2013.
- 29th annual congress of Tanta University, Faculty of Medicine, on Multidisciplinary Medicine Era, 17th-20th March, 2014.
- British Society for Parasitologists (BSP) Spring meeting, 2014, Cambridge University, United Kingdom that held 6-9 April, 2014
- Egyptian Parasitologists United (EPU) 4<sup>th</sup> International conference, November, 2011, "Parasitology: Challenges & Innovative approaches"
- 30th annual congress of Tanta University, Faculty of Medicine, on Multidisciplinary Medicine Era, part II, May, 2015.
- 31<sup>st</sup> annual congress of Tanta University, Faculty of Medicine, on Multidisciplinary Medicine Era, part III, March, 2016.
- International congress of Tropical Medicine and Malaria, 2016, Brisbane, Australia, September 18-23, 2016.

### **International Publications:**

1. A preliminary study on the prevalence of parasitic infections in immunocompromised children (December, 2010). Sanaa N Antonios, Osama A Tolba, Ahmad A Othman, and **Marwa A Saad**. Journal of the Egyptian Society of Parasitology; 40(3):617-30.
2. FoxP3+ T regulatory cells and immunomodulation after Schistosoma mansoni egg antigen immunization in experimental model of inflammatory bowel disease (May 2015). Eiman Adel Hasby Saad, Marwa Hasby Saad, Zeinab Shohieb, and kholoud El Noby. Cellular immunology; 295(1):67-76 .

3. Trichinosis as a Neurodegenerative Insult Causing Parkinson's Disease: Experimental Study. Marwa Hasby Saad, Omnia Safwat, Rowida Raafat, Dina El-Guindy and Eiman Hasby. International Congress of Tropical Medicine and Malaria, Brisbane, Australia (September, 2016).
  
4. Schistosomiasis as a Potential Risk Factor in Precipitating Endocarditis. Marwa Hasby Saad, Amr Mahmoud and Eiman Hasby. International Congress of Tropical Medicine and Malaria, Brisbane, Australia (September, 2016)