

CV

Personal data:

Name: Ahmad Ali Sayed Othman

Sex: Male

Nationality: Egyptian

Birth Date: 1 - 10 - 1973

Place of birth: Tanta-Gharbiya, Egypt

Marital status: Married

Language: Arabic (mother language) – English (fluent both spoken & written)
– French (good)

Current Position: Assistant Professor of Medical Parasitology

Address: 14 El Emam El-bousiri St., from El-helw St. Tanta, Egypt

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University Education:

- Doctoral (M.D.) degree in Medical Parasitology, April 2005, from Faculty of Medicine, Tanta University.
- Master (M.Sc.) degree in Medical Parasitology, October 2001, from Faculty of Medicine, Tanta University (Excellent with honour degree).
- Graduated the M.B.B.Ch., Faculty of Medicine, Tanta University, November 1996, General grade (Excellent with honour degree).

Internship:

House officer (Tanta University Hospital): from 1/3/1997 to 29/2/1998.

Rural areas services:

Rural areas physician (health ministry): from 1/3/1998 to 31/7/1998.

Postgraduate qualifications:

1- M.D. degree in Medical Parasitology.

Thesis title: Study on toxocariasis (visceral larva migrans) in humans and experimental animals.

2- M.Sc. degree in Medical Parasitology.

Thesis title: Study on free radicals and antioxidants in diabetic and non-diabetic mice experimentally infected with *Trichinella spiralis*.

Member of:

- Medical Syndicate.
- Egyptian society of Parasitology.
- Parasitology United Society.
- International Commission on Trichinellosis (ICT)

Job positions:

- Professor of Medical Parasitology, Tanta Faculty of Medicine from 2-2016 till now. The job involves teaching and evaluation duties, together with research activities.

- Assistant Professor of Medical Parasitology, Tanta Faculty of Medicine from 31-10-2010 till now. The job involves teaching and evaluation duties, together with research activities.
- Lecturer of Medical Parasitology, Tanta Faculty of Medicine from 21-7-2005 till 30-10-2010. The job involves teaching and evaluation duties, together with research activities.
- Assistant lecturer of Medical Parasitology, Tanta Faculty of Medicine from 26-1-2002 till 20-7-2005. The job involves training, teaching, and research duties.
- Demonstrator of Medical Parasitology, Tanta Faculty of Medicine from 6-9-1999 till 25-1-2002. The job involves training and research duties.

Publications:

- Othman AA, Shoheib ZS, Abdel-Aleem GA, Shareef MM., 2008. Experimental schistosomal hepatitis: Protective effect of coenzyme-Q10 against the state of oxidative stress. *Experimental Parasitology*. Volume 120, Issue 2, Pages 147–155.
- Antonios SN, Eid MM, Khalifa EA, Othman AA., 2008. Seroprevalence study of *Toxocara canis* in selected Egyptian patients. *Journal of Egyptian Society of Parasitology*. 38(1): 313–8.
- Soliman RH, Othman AA., 2009. Evaluation of DNA melting curve analysis real-time PCR for detection and differentiation of *Cryptosporidium* species. *Parasitology United Journal*. Volume 2, Issue 1, Pages 47–54.
- Othman AA, Shoheib ZS, Saied EM, Soliman RH., 2008. Congenital exposure to *Schistosomamansoni* infection: Impact on

the future immune response and the disease outcome. ***Immunobiology*. Volume 215, Issue 2, Pages 101–112.**

- Othman AA, Abdel-Aleem GA, Saied EM, Mayah WW, Elatrash AM., 2010. Biochemical and immunopathological changes in experimental neurotoxocariasis. ***Molecular and Biochemical Parasitology*. Volume 172, Issue 1, Pages 1–8.**
- Othman AA, El-Shoubagy, SH, Soliman RH. 2011. Kinetics of Foxp3-expressing regulatory cells in experimental *Toxocara canis* infection. ***Experimental Parasitology* 127, 454–459.**
- Antonios SN, Eid MM, Othman AA., Hasby, MA., 2011. Preliminary study on the prevalence of parasitic infections in immunocompromised children. ***Journal of Egyptian Society of Parasitology* 40, 617–630.**
- Othman, A.A., 2012. Therapeutic battle against larval toxocariasis: are we still far behind? ***Acta Tropica*. 124(3):171–178.**
- Othman, AA., Ashour, D., Mohamed, D.A., 2013. *Toxocara*-induced hepatic inflammation: immunohistochemical characterization of lymphocyte subpopulations and Bcl-2 expression. ***Experimental Parasitology*. 134: 76–81.**
- Ashour, D., Othman, A.A., Shareef, M.M., Gaballah, H., Mayah, W.W., 2014. Interactions between *Trichinella spiralis* infection and induced colitis in mice. ***Journal of Helminthology*. 88:210–218.**
- Othman, A.A., Bruschi, F., Ganna, A.A., 2014. Helminth parasitic infections of the central nervous system: a diagnostic approach. ***Journal of Egyptian Society of Parasitology*. 44: 55–70.**
- Ashour, D., Othman, A.A., Radi, D., 2014. Insights into regulatory molecules of intestinal epithelial cell turnover during

experimental infection by *Heterophyes heterophyes*.
***Experimental Parasitology*143: 48–54.**

- Salama, A.A., Othman, A.A., Zayed, H.A., 2014. Cystic echinococcosis in the middle region of the Nile Delta, Egypt – Clinical and radiological characteristics. **The Egyptian Journal of Radiology and Nuclear Medicine. 45: 641–649.**
- Othman, A.A., El-Husseiny I., El-Kholy, S., 2014. Laboratory testing of the toxicity of Jujube (*Zizyphus jujuba*) oil and leaf extracts against *Culex pipiens* (Diptera: Culicidae). **African Entomology. 22(4):755-761.**
- Othman AA, Shoheib ZS. Detrimental Effects of Geldanamycin on Adults and Larvae of *Trichinella spiralis*. **The XIIIth International Congress of Parasitology (ICOPA)**, Mexico City, Mexico, 10-15th August 2014.
- Mohamed M. Eid , Samy I. El-Kowrany , Ahmad A. Othman, Dina I. El Gendy , Eman M. Saied. Immunopathological changes in the brain of immunosuppressed mice experimentally infected with *Toxocara canis*. **Korean Journal of Parasitology. 53:51-58.**
- Ahmad AA, Abo Rayia, DM, Ashour, DS, Saied E, Zineldeen D, El-Ebiary A. Atorvastatin and metformin administration modulates *Trichinella spiralis* infection. **Parasitology International. 2016.**
- Othman AA. Shoheib S. Detrimental effects of geldanamycin against adults and larvae of *Trichinella spiralis*. **Helminthologia. 2016.**
- El Ridi R, Othman AA, McManus DP. Editorial: The Schistosomiasis Vaccine - It is Time to Stand up. **Front Immunol. 2015 Jul 30;6:390.** doi: 10.3389/fimmu.2015.00390. eCollection 2015.

Books:

- Othman, A.A., El Ridi, R, 2014. Schistosomiasis. In: Helminth Infections and their Impact on Global Public Health, Bruschi F. (Ed.). Springer-Verlag Wien.

Scientific activities:

Specific International and local conferences:

- The 27th scientific conference of the Egyptian Association of Basic Sciences. Cairo University, 14th February 2008.
- 1st scientific conference of Parasitology United society: "Parasitology: Science and Research", 28-29 March 2009.
- 2nd scientific conference of Parasitology United society: "Updates in laboratory diagnosis of parasitic infections", 7-8 April 2010.
- The XIIth International Congress of Parasitology (ICOPA), Melbourne, Australia, 15-20th August 2010.
- The third European Congress of Immunology (ECI), Glasgow, Scotland, UK, 5-8th September 2012.
- 3rd scientific conference of Parasitology United society: "Updates in laboratory diagnosis of parasitic infections", October, 2012.
- The 19th International Congress of the Egyptian Society of Tropical Medicine, Infectious and Parasitic Diseases. Alexandria, Egypt, June 18-20, 2014.
- The XIIIth International Congress of Parasitology (ICOPA), Mexico City, Mexico, 10-15th August 2014.
- 4th scientific conference of Parasitology United society: "Parasitology Challenges and Innovative Approaches", November, 2014.

- 14th International Conference on Trichinellosis 14-18, September 2015- Berlin, Germany.
- 13th European Multicolloquim of Parasitology (EMOP) 21-24, July 2016- Turku, Finland.

Seminars and Conference talks:

- Lymphatic filariasis: New aspects of an old disease.
- The immune system: New agents.
- Helminth parasites: Masters of survival.
- Eosinophilic meningoencephalitis and eosinophilic gastroenteritis.
- Oxidative stress and parasitic infections.
- Different blotting techniques in parasitic infections.
- Highlights about ICOPA XII, Melbourne, Australia 2010.
- Updates on echinococcoses.
- Parasites and allergy.
- Highlights on ECI3, Scotland, UK 2012.
- Pathology of parasitic infections
- Diagnostic techniques for blood parasites
- Role of serology in parasitological diagnosis
- Highlights about ICOPA XIII, Mexico City, Mexico 2014.
- Highlights about ICT, Berlin, Germany 2015.
- Highlights about EMOP, Turku, Finland 2016.

Supervisor on:

- M.Sc. thesis titled: Preliminary study on the prevalence of parasitic infections in immunocompromised children in Tanta University Hospital.

- M.Sc. thesis titled: A study on the brain of normal and immunocompromised mice infected experimentally with *Toxocara canis*.
- M.Sc. thesis titled: Serological study on toxoplasmosis in pregnant women in Tanta University Hospital.
- M.D. thesis titled: The effect of beta glucan on the therapeutic outcome of experimental trichinellosis.
- M.D. thesis titled: Seroprevalence of *Toxocara canis* infections among children with idiopathic epilepsy.

Reviewer in the following international periodicals:

- Parasitology
- International journal of infectious diseases
- Journal of Biomedicine and Biotechnology
- The American Journal of Tropical Medicine and Hygiene
- Medicinal Chemistry
- Pathogens
- Experimental Parasitology
- Journal of Advanced Research
- Asian Pacific Journal of Tropical Disease
- Issues in Biological Sciences and Pharmaceutical Research
- Journal of Physiology and Pharmacology
- Journal of Basic and Applied zoology
- Frontiers in Immunology
- Parasite Immunology