Zoonotic fish parasites causing gastroenteritis to human in Egypt

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There are some fish diseases and infections that can be transmitted from fish to humans. It is a health risk that needs to be recognised by fish farmers and other people who handle and/or consume seafood. The incidence of transmission of parasitic disease from fish to humans is dependant upon several factors including the type of parasitic organisms, the susceptibility of the host (immuno-compromised individuals) and environmental factors (quality of the water). In the present study, a survey was done to investigate the zoonotic parasitic species that transmitted from different fish species to human and causing gastroenteritis and other health problems. Results revealed the presence of three trematod, two nematode and two protozoan species. In addition another survey was done for estimating the incidence of infection with these parasites among human population in different localities in Egypt.

Biography
Nisreen E Mahmoud currently holds the position of a professor in the department of parasitology in the University of Cairo since 2004. Her field of specialization is Fish Parasitology. She joined as an Assistant Lecturer from 1990 to 1994. Lecturer of Parasitology since 1994, Assistant Professor of Parasitology since Sept. 1999. Prof. of Parasitology since 2004. She has received her MVSc (Parasitology, fish parasites) in 1990 and PhD (Parasitology, fish parasites) from Cairo University in 1994. She is the chair and member of the following committees & associations: Chairman in the project of Biotechnological control of ticks in Egypt (from 1995-1996). Chairing in the project of Geographical information systems (GIS) and control of snail borne diseases. Member of the Egyptian Vet. Med. Assoc. Member of the zoological society A. R. Egypt. Member of the general organization for veterinary services, Egypt. Member of the General Authority for Fish Resources Development. Member of the Egyptian Society of Veterinary Parasitology. Member of the Egyptian Society of Parasitology. Chairman in the Project Comparative study of Lyme Borreliosis Vectors/Pathogenesis (Egyptian/US Project # 930312 from 1999-2002). Member of the Egyptian Society of Environment and Aquatic Animal Health.

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