



### **Emer.Prof.Soheir Mansy biography**

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*Graduated from the Faculty of Medicine, Cairo University (1978). She is registered and has the license to practice medicine (1980) by the Ministry of Health, Egypt. She is a member of the Egyptian Medical Syndicate. She earned her M.Sc. (1983) and P.D. (1988) in Pathology.. She was the head of Electron microscopy research department at Theodor Bilharz Research Institute- Ministry of Higher Education and Scientific Research, during the period 1994- 2006 then in 2014. As well as, she was the deputy of Clinical Laboratories Research Division 2006-2013, the Head of the TBRI Technical Office during the period 2003-2015, the Head of the Committee for Graduate study affaires 2001-2012, Member then Head of the Research Projects Evaluation Committee 2000-2014, member of the committee of promotion 2008-2012., Currently she is Emeritus Professor of Pathology and Electron Microscopy at TBRI. President of the TBRI staff Association and President of the Egyptian Society of Electron Microscopy that she is the founder. member of the Electron Microscopy Research Department Counsel, Referee member for the Committee of Promotion 2004-current, and member of the Editorial Board of the Journal of Ultrastructural Pathology and Middle East and North Africa Councilor Member of the Society for Ultrastructural Pathology.*

*She acquired practical and technical training on the ultrastructural pathology of the liver and kidney, techniques of electron microscopy, molecular morphology and immuno-techniques at many scientific institutions: Pasteur Institute, Lyon France; the Michigan State University, US centre for Electron Optics, Histotechnology unit and the Environmental Pathobiology Laboratory in The Department of Pathology at Michigan State University US; university of*

*York U.K and Phillips FEI Company. She is among the few expertise in the field of ultrastructural pathology in North Africa with over 30 years of expertise. She specializes in ultrastructural pathology of the liver and kidney. She has experience in the diagnosis and research of the liver, urinary bladder, and kidney diseases. She published one scientific book “Electron Microscopy Mastery Guide: Overcoming Sample Fixative Pitfalls” which was translated into six languages, and she published 79 manuscripts in peer-reviewed journals focusing on the ultrapathological study of hepatic schistosomiasis, viral hepatitis, and their complications as hepatic fibrosis, cirrhosis, and carcinoma. As well as kidney diseases and urinary bladder carcinoma. They focused also on the pathogenesis and the evaluation of the efficacy and toxicity of some therapeutic treatment.*

*She has shared as task leader or has been working as PI in 15 research projects funded by ARST, STDF , USAID , TBRI and EU. She innovated a technique for the simultaneous processing of cells in suspension for light and electron microscopic examination, which opened new prospects for cytopathology and early detection of malignant lesions. Many original ultrastructural observations were reported by her researches concerning the description of a new hypothesis for the turnover of HCV to a retrovirus, the determination of the complex mechanism of fibrogenic cells orchestrating the process of hepatic fibrogenesis, and the identification of ultrastructural predictor criteria of hepatocellular carcinoma (HCC). She supervised 26 M.Sc., Ph.D. or MD theses in the field of pathology, Parasitology, Urology, Surgery and anaesthesia. In all these theses, Electron Microscopy played an important role in the reported results. Out of her supervised theses, five were done in the frame of combined channel system supervision, in the frame of her effort to open opportunities for the junior staff to gain the experience of training abroad and contact advanced cultures. She organized and or participated as lecturer in more than 60 training courses in the field of pathology and electron microscopy. She implemented three agreements with Private Universitat Witten/ Herdecke Germany; The Laboratory of Electron Microscopy, Mossakowski Medical Research Centre, Polish Academy of Sciences and Department of Electron Microscopy Molecular Pathology , The Cyprus Institute of Neurology and Genetics. These agreements furnished mutual cooperation and scheduled training of EM Junior staff and technicians. She has been serving as an editorial board member of the journal of Ultrastructural Pathology. She is scientific reviewer for many journals and organization. Member of the Society of Ultrastructural Pathology, European Association for the study of the Liver (EASL), The Egyptian Society of Pathology North America, The Egyptian Society of Pathologist and the*

*Egyptian Society of Laboratory Medicine (ESLM). She attended actively as speaker or international expert many conferences in her field of expertise inside and outside the country (India, Spain, Germany, UK, USA, Portugal, and Australia).*

*She actively contributed to the Institute administrative activities in the frame of her position as chief of TBRI Scientific Technical Office till 2015. She was assigned by TBRI the Legal Entity Appointed Representative or LEAR in front of the European Commission Research Executive Agency FP7 support (A1). Also, she shared in writing the promotional booklets prepared about TBRI, and the TBRI booklet of the Silver Jubilee celebration. As well as, she shared in writing the content of the web page of TBRI 2007.*

*She founded the Association of Theodor Bilharz Research Staff in 2015 and the Egyptian Society of Electron Microscopy in 2019 .*

*She was awarded TBRI Excellence award for the distinguished management of Electron Microscopy Research Department at Theodor Bilharz Research Institute and the link of research to community services in 2004; Sawsan Omran's award for the first best research article for the year 2009 and 2015, and TBRI shield for excellence 2014. Also, her biography is an inclusion in the academic achievement Who's Who in Medicine and Healthcare 2006-2007 and in Who's Who in the world published in 2008-2010.*

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