

## PERSONAL DETAILS

Professor of Neuroimmunology, Department of Neurobiology,  
The Weizmann Institute of Science,  
Rehovot, Israel.

Marital status: Married + 4 children.

Website: <http://www.weizmann.ac.il/neurobiology/labs/schwartz/>



Schwartz is a Professor of Neuroimmunology, holding The Maurice and Ilse Katz Professorial chair in Neuroimmunology, at the Weizmann Insititue of Science, Rehovot Israel. Schwartz's work focuses on the role of innate and adaptive immunity in central nervous system (CNS) plasticity in health and disease. She is the world pioneer in demonstrating that circulating immune cells, including blood macrophages and autoimmune T cell network are needed for CNS maintenance and repair. Her new view of the cross-talk between the immune and the nervous system, attributing to the immune system key role in life-long brain plasticity, led her to discover the brain's choroid plexus as the nexus between the brain and the immune system, to identify it as a new target and suggest a game-changing therapeutic approach in treating Alzheimer's disease. Her publications are highly cited (H factor 90; Google Scholar), and include numerous peer-reviewed articles and invited reviews, many of which appear in the most highly ranked journals (*Science*, *Nature medicine*, *Nature Neuroscience*, *Nature Cell Biology*, *Nature Rev. Neurology*, *Nature Rev. Neuroscience*, *Nature Rev. Immunology*, *Immunity*). Professor Schwartz has been invited as a keynote lecturer at numerous international meetings. Schwartz has received a number of prestigious awards for her research, including the 2002 Friedenwald Award from ARVO (Association for Research in Vision and Ophthalmology), for her outstanding contribution to vision research and ophthalmology. She was appointed by the American Spinal Cord Injury Association to the Distinguished G. Heiner Sell Memorial Lectureship in 2002 for outstanding achievement in the field of spinal cord injury. She was one of the recipients of the NARSAD (The Mental Health Research Association) Distinguished Investigative Award (2007), she received the Advanced European Research Commission award (2008), a honorary doctorate from Ben-Gurion University (2009), and the Shaked Brain research award from Bar-Ilan University for her pioneering work (2009). Lately she received The 2015 Blumberg Prize for excellence in medical science. Schwartz is the elected incoming president of the International Societies for Neuroimmunology (2016). Lately her book "Neuroimmunity" has won an accolade from the annual PROSE Awards. (<https://proseawards.com/winners/>)

