

Prof Amit Bar-Or - Biosketch

Dr. Bar-Or is the Melissa and Paul Anderson Professor of Neurology and Presidential Endowed Chair at the Perelman School of Medicine, University of Pennsylvania where he Directs the age-span Centre for Neuroinflammation and Experimental Therapeutics and serves as Chief of the Division of Multiple Sclerosis and Related Disorders. He is former Professor in the Department of Neurology and Neurosurgery, and Associate Director of the Montreal Neurological Institute and Hospital, McGill University. Dr. Bar-Or's clinical focus is Multiple Sclerosis (MS) and related disorders in both adults and children for which he is cross appointed at the Children's Hospital of Philadelphia (CHOP). He runs a cellular and molecular Neuroimmunology lab studying principles of immune regulation and immune-neural interaction in the context of injury and repair of the human central nervous system (CNS). Ongoing themes involve elucidation of effector and regulatory mechanisms by which distinct human immune cell subsets (principally T cells, B cells, myeloid cells) interact with one another and with CNS (glial, neuronal) cells, contributing to both 'Neuroimmune Health' and to a range of CNS inflammatory diseases across the age-span. Of particular interest are human immune-monitoring studies, studies of immune reconstitution, design and implementation of mechanism-of-action and biological proof-of-principle studies of emerging therapies, and development of clinically meaningful biomarkers as part of advancing precision medicine in autoimmune and CNS-inflammatory diseases. He is past President of the Canadian Network of MS Clinics (CNMSC); past member of the Board of Directors and currently serving on the Education Committee of the Federation of Clinical Immunology Societies (FOCIS); member of the Board of Directors of the Americas Committee for Treatment and Research in Multiple Sclerosis (ACTRIMS) and the Steering Committee of the NIH Immune Tolerance Network (ITN). Dr. Bar-Or is also a long-standing member of the Scientific Advisory Board, and now President-Elect of the International Society of Neuroimmunology (ISNI).