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Research	Neuroimmunology of multiple sclerosis
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Biography

Lesley Probert is a Biologist with PhD in Medicine from University of London (Royal Postgraduate Medical School), UK, and postdoc studies at Imperial College, London, Laboratory of Molecular Biology, Cambridge, and Hellenic Pasteur Institute (HPI), Athens. Served as head of the Department of Immunology and the Laboratory of Molecular Genetics at the HPI. Main research interests are the functional interfaces between immune and the central nervous systems in multiple sclerosis, focusing on mechanisms of neuroprotection and repair relevant for novel therapeutic approaches. Long-standing interest in TNF biology and functions of this cytokine system in CNS in neurodegeneration and repair. Main experimental approaches are in vivo and in vitro experimental models, transgenic mice, pharmaceutical and genetic interventions, RNA sequencing and bioinformatics, immune analyses, confocal imaging and neuropathology, translation to human disease, including clinical studies. Has 92 peer-reviewed research publications and reviews in international journals around 8000 citations and h-index 44. Has participated as coordinator and principle investigator in numerous competitive research projects funded by the European Union and the Greek ministries, and has patents for immunotherapeutic strategies for MS. She serves as an ad hoc reviewer for international journals and funding bodies. She is a long-standing board member of the European School of Neuroimmunology (ESNI), board member and past Vice President of the Hellenic Academy of Neuroimmunology (HELANI), and current Secretary-Treasurer of the International Society of Neuroimmunology (ISNI).