



28 June 2023, 14.00-15.00
Panum Mærsk Tower 7.15.92

“Immunosenescence: How worried should we be and when?”



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Abstract: Ageing is associated with many physiological changes, including differences in the innate and adaptive immune system. These differences in immune function are commonly (i.e. as presented in textbooks) considered to be a major cause of age-associated disease either indirectly as a result of immune deficiency or directly as a result of autoimmunity and “inflammageing”. But how do we measure these differences, how do we know which are deleterious rather than adaptive, and at what age do any such differences become clinically relevant? Should age be considered solely chronologically in this context, or do we need an index of biological age instead?

Bio: Graham Pawelec received an MA in Natural Sciences and a PhD in Transplantation Immunology from the University of Cambridge, UK. He is currently Professor of Experimental Immunology in the Department of Immunology, University of Tübingen, Tübingen, Germany and is an Affiliated Scientist at the Health Sciences North Research Institute of Canada, Sudbury, ON, Canada. He is a Fellow of the Gerontological Society of America, and was a Visiting Professor at Nottingham Trent University, UK and at King’s College London, UK, and held an Honorary Chair at Manchester University, UK. He is Co-Editor-in-Chief of “Immunity and Ageing” and the “Journal of Ageing and Longevity”, is an Associate Editor of the “Journal for the Immunotherapy of Cancer”. Research interests are centred on how ageing affects immune function and influences the outcome of vaccination and immunotherapy, and how immunosenescence impacts human health and longevity.

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