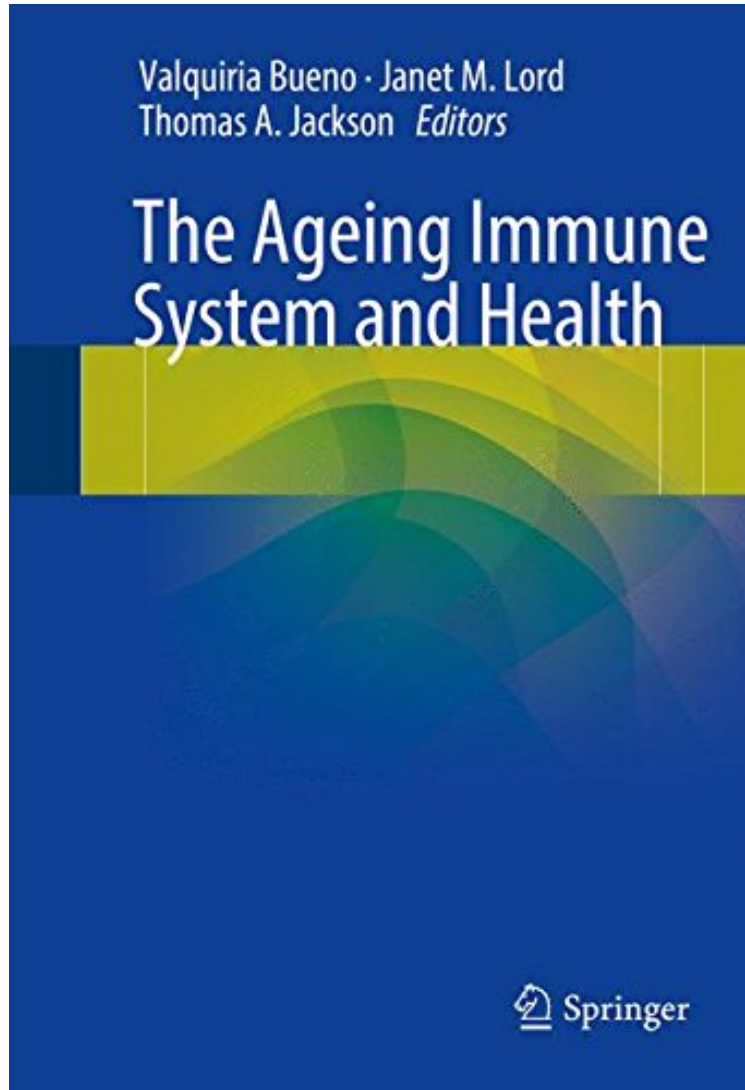


The Ageing Immune System and Health

From Springer

*DOC | *audiobook | ebooks | Download PDF | ePub*



DOWNLOAD



READ ONLINE

#10059812 in Books 2016-10-03Original language:EnglishPDF # 1 9.21 x .50 x 6.14l, .0 #File Name: 3319433636182 pages | File size: 64.Mb

From Springer : The Ageing Immune System and Health before purchasing it in order to gage whether or not it would be worth my time, and all praised The Ageing Immune System and Health:

The present book intends to provide an update on immunosenescence and how deficiencies in the immune system contribute to a higher susceptibility to infections, decline in organ function, reduced vaccination responses, age-related disease and the ageing process itself, negatively affecting longevity. Our focus is on the main changes in immune

system cells and their products occurring during the ageing process and the possible consequences for health and disease. This includes: discussion of the modulatory and/or suppressive mechanisms associated with the alterations in T regulatory cells, B regulatory cells and Myeloid Derived Suppressor cells; changes in the immune system observed in chronic neurodegenerative diseases, cancer, lung disease and frailty will also be discussed. Most importantly we provide recent literature information about possible interventions (focusing on physical activity) that could alleviate the negative effects of immunosenescence.

About the Author Valquiria Bueno: BSc, PhD. MSc and PhD in Immunology by the Federal University of So Paulo (UNIFESP). Post-doctoral fellow by the University of Oxford (2001). Professor and Researcher (since 2006) at UNIFESP; Department of Microbiology, Immunology, and Parasitology. Grants obtained (Brazilian institutions FAPESP, CNPq, and CAPES). Supervision of master students (n=5) and undergraduated students (n=13). Articles in Web of Science (n=35) and factor H=9, book chapters (n=5), Editorial Board Member (Plos One, Trends in Vector Research and Parasitology, Journal of Hematological Malignancies). Major interests: Ageing and Immune System, Cancer, Autoimmunity, Transplantation. Janet M Lord: BSc Human Biology at Oxford Brookes University, 1979 and PhD in Biological Sciences at Aston University, 1983. Founded her group with a Royal Society University Research Fellowship held from 1989 to 1998. In 2004 appointed Professor of Immune Cell Biology at Birmingham University and in 2013 became Head of the School of Immunity and Infection and Director of the MRC-ARUK Centre for Musculoskeletal Ageing Research and Director of the Medawar Centre for Healthy Ageing Research. Lord Cohen medal for outstanding contribution to ageing research, 2014: Glenn Foundation award for basic biological mechanisms of ageing.