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Sommario/riassunto	This volume of the Subcellular Biochemistry series, Biochemistry and Cell Biology of Ageing: Part I is devoted broadly to Biomedical aspects of Ageing. The 17 chapters included in the book, contributed by knowledgeable authors, review many important topics at an advanced level. Ageing in relation to reactive oxygen species (ROS) and the importance of Antioxidant Vitamins and Antioxidant Enzymes are given prominent coverage. Consideration is also given to Vitamin D and the B Vitamins. Chapters on Nutrition, Nutrient Sensing, the Microbiome and Signal Transduction appear, along with Cholesterol Metabolism, Creatine and Creatine Kinase, Extracellular Matrix, Stem cells, Nuclear DNA Damage, Teleomere Length, Gene Expression and Epigenetics, Autophagy and protein Glycosylation. The book is primarily directed to advanced biomedical science and medical students, postgraduates,

researchers and academics in the field of Ageing. A further supplementary volume of the Subcellular Biochemistry series, Biochemistry and Cell Biology of Ageing: Part II, covering the more Clinical Science aspects of ageing, will be published soon. Prof. J. Robin Harris is an Honorary Professor of the University of Mainz, he has broad biomedical science and electron microscopical experience and is actively involved in scientific publishing. Dr. Viktor I. Korolchuk is a Reader in Molecular Cell Biology at Newcastle University and is actively involved in cellular autophagy studies. .