

Special Issue

Advances in Anti-Aging Treatment Development, 2nd Edition

Message from the Guest Editors

Inflamm-aging is the term used to refer to the chronic low-grade inflammation that develops during aging and accompanies both the development of chronic diseases and functional decline in older adults. Derangements in cellular quality control systems are responsible for the accrual of intracellular “waste” (e.g., protein aggregates, damaged mitochondria, lipofuscin) and represent candidate mechanisms for the development of inflamm-aging. Indeed, many of these molecules have pro-inflammatory natures and can be released at the systemic level unless efficiently cleared. The mechanisms that regulate the displacement of these molecules are among the processes that must be tackled for the development of anti-inflammatory strategies. Additional molecular pathways that become dysregulated during aging may actively contribute to local and systemic inflammation and thus warrant investigation.

This Special Issue continues to gather contributions from researchers in the field of biogerontology and geroscience who are investigating anti-aging remedies and personalized anti-inflammatory interventions to extend one's health- and lifespan.

Guest Editors

Dr. Emanuele Marzetti

Department of Geriatrics, Orthopedics and Rheumatology, Università Cattolica del Sacro Cuore, L.go F. Vito 1, 00168 Rome, Italy

Dr. Anna Picca

Fondazione Policlinico Universitario “Agostino Gemelli” IRCCS, 00168 Roma, Italy

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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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