

PROFESSOR CLAUDIO FRANCESCHI CURRICULUM VITAE

MD cum laude (1967) at Alma Mater Studiorum University of Bologna (UNIBO), Italy. Full Professor of Immunology at the Universities of Padua (1980-86), Modena (1986-1998) and UNIBO (1998-20139). At present Professor Emeritus at UNIBO, and Associate Member of the Institute of Neurological Sciences of Bologna, Italy. Founder/Director of the Interdepartmental Center for Studies on Bioinformatics and Biocomplexity "L. Galvani", UNIBO (2001-2006; 2012). Director of the Dept. of Exp. Pathol., UNIBO (2010-2012). Scientific Director of Italian National Research Center for Aging (INRCA) (1996-2005). *PUBLICATIONS*: about 800 papers on peer reviewed journals (59.247 citations, h-index: 117, Google Scholar August 2019). *MAJOR RESEARCH ACHIEVEMENTS*: i) discovery of the most important characteristics of immunosenescence in humans; ii) the "inflammaging" theory of aging; iii) pioneering studies on: immune response and stress throughout evolution; iv) genetics, epigenetics, metabolomics, metagenomics, glycomics of human longevity (centenarians); v) discovery of nuclear genes and mtDNA polymorphisms associated to human longevity, Alzheimer and T2D; vi) new biomarkers of aging (gut microbiome; N-glycans; DNA methylation; inflammatory miRs; metabolomic and lipidomic markers); vii) mathematical modeling of the immune system and proteasome. *JOURNALS*: Editor-in-Chief of Ageing Research Review (IF 2018:10.390); member to editorial boards of: Aging Clin. Exp. Res.; Exp. Gerontol.; Mech. Ageing Dev.; AGING (USA); Aging Cell. *GRANTS*: Coordinator of European large collaborative projects: PROPAG-AGING (Aging and Parkinson disease, 2015-2019); ADAGE (Alzheimer disease; 2016-2019); NUAGE (MedDiet for elderly, 2011-2016); 4. GEHA (GEnetics of Healthy Aging, 2004-2010). PI OF THE MEGAGRANT "DPM-AGEING" Digital Personalized Medicine of Healthy Ageing (2018-2020) funded by Government of Russian Federation at State National Research University "Lobachevsky" of Nizhny Novgorod, Russia". Partner/WP leader of EU projects: PROTEOMAGE; RISTOMED; MARK-AGE; MYOAGE; IDEAL; COBRA; MISSION-T2D; HUMAN; MYNEWGUT.