

18.05.2023						
10.15 arrivo e sistemazione dei partecipanti						
10.30 Breve saluto ed introduzione					SPEAKERS	
10.40	Francesco Giorgino	Based on the evidence gathered in the activities of this spoke and others, interventions will be designed and tested for efficacy in the modulation of age-related diseases	6.1	Physical activity and inactivity	Marco Narici	Marco Narici
11.00			6.2	Muscle aging: molecular mechanisms in vitro and in situ and analysis of small molecules as therapeutic tool	Marco Linari	Marco Linari & Pasquale Bianco
11.20			6.3	nanoparticles for brain delivery in aging	Bagetta	Diana Amantea
11.40			6.4	Mechanisms of islet beta-cell ageing in diabetes and validation of new therapeutic targets	Francesco Giorgino	Francesco Giorgino
12.00			6.5	Early biomarkers and impact of cognitive-motor training in elderly subjects with subjective cognitive impairment	Alessandro Sale	Alessandro Sale
12.20			6.6	Immunosurveillance of senescent cells	Silvano Sozzani	Alessandra Soriani
12.40			6.7	Studying safety and efficacy of telomere targeting therapies and senescent cells targeting therapies in geriatric animal models	Mauro Provinciali	Marco Malavolta
13.00-14.30 Pranzo						
14.30	Giuseppe Passarino	This WP will use a multitude of orthogonal approaches to identify aging-specific features and extract meaningful correlations and shared mechanisms controlling the process of aging	4.1	The impact of epigenetics on aging	Giuseppe Passarino	Giuseppe Passarino
14.50			4.2	Epigenomic analyses of aging and age related diseases	Luigi Citrigno	Luigi Citrigno
15.00			4.11	Epigenomics: the impact of the environment on aging.	Pavanello Sofia	Pavanello Sofia
15.20			4.10	Identification of the molecular mechanisms responsible for premature cellular senescence in age-related diseases (ARDs): role of DNA methylation.	Antonietta Liotti	Antonietta Liotti
15.40			4.4	Exploring the unresolved question of human longevity through proteomic analysis of RBC.	Vincenzo Lettera	Vincenzo Lettera
16.00			4.7	Metabolomics in aging	Leonardo Tenori	Leonardo Tenori
16.20			4.3	Circulating biomarkers of Inflammaging, Immunosenescence and Infection to better characterize multimorbidity, frailty and disability phenotypes and stratify hospitalized geriatric patients	Fabiola Olivieri	Fabiola Olivieri
16.40 coffee break						
16.40			4.5	Identification of new biomarkers for aging-related diseases	Ernesto Picardi	Ernesto Picardi
17.00			4.6	Aging in women: the role of hormones and intestinal microbiome in inflammatory changes	Fabio Busonero	Fabio Busonero
17.20			4.8	Multiomics characterization of aging trajectories	Simone Cenci	Simone Cenci
17.40			3.1	Molecular mechanisms coupling DNA damage to T cell senescence and dysfunction	Andrea Graziani	Andrea Graziani
18.00					3.2	Telomere and telomerase
18.20	Fabrizio Chiti	DNA damage, telomere shortening and DNA damage response pathways engagement and loss of proteostasis including proteotoxicity are established hallmarks of aging, We will further characterise their mechanisms and their contribution and, we will invite PI to propose novel original and provocative new hallmarks of aging via open calls	3.3	Identification of misfolded protein oligomers and proteotoxicity in aging and neurodegeneration	Fabrizio Chiti	Fabrizio Chiti
18.40			3.4	Protein folding, misfolding and quality control during ageing	Stefano Gianni	Stefano Gianni
19.00 fine lavori.						