UNHEALTHY AGEING

ACTIVE AGEING

MENTAL IDLNESS
POOR DIET
SEDENTARY LIFE
LOSS OF SOCIAL INTERACTIONS
TARGET ORGANS

UNHEALTHY AGEING

MUSCLE

BRAIN

GUT

common mechanisms of disease

UNHEALTHY AGEING

SARCOPENIA
COGNITIVE IMPAIRMENT
METABOLIC DERANGEMENT

ACTIVE AGEING

HEALTHY DIET
PROBIOTICS

EXERCISE
COGNITIVE TRAINING
PROJECT GOALS

- epigenetics of ageing
- gut microbiota-brain crosstalk
- pharmacological approaches mimicking healthy lifestyles
- personalized healthcare plans
- multi-component interventions in the frail elderly
COLLABORATIONS OUTSIDE EUROPE

- Los Angeles
- New York
- Toronto
- Boston
- Cleveland
- Gainesville
- San Paolo
- Tokyo
- Dajeon
- Clayton
The effect of intracoronary reinfusion of bone marrow-derived mononuclear cells (BM-MNC) on all-cause mortality in acute myocardial infarction
IDENTIFY HIGH-RISK POPULATION

DISCOVER NOVEL BIOMARKERS

DEVELOP THERAPEUTIC TOOLS/INTERVENTIONS

PROJECT OUTCOMES

TRANSLATIONAL MEDICINE

basic research clinical studies