

ERA-HDHL non cofunded Joint Action:
PREVNUT “Development of targeted nutrition for prevention of undernutrition for older adults”
funded projects

The PREVNUT call, the fourth non-cofunded action under the ERA-Net ERA-HDHL was launched in 2020 to support transnational and collaborative research projects focusing on the prevention of undernutrition in European older citizens through the consumption of appropriate nutritious food

In total, 13 funding agencies from 11 countries participated in this call. Six projects were funded through this call with a total budget of 5,96 M€. The funded projects involve thirty-one research groups from France, Germany, Ireland, Israel, Italy, Norway, Spain and United Kingdom. Nine collaborators are also part of the research consortia, participating to the funded projects using their own resources.



AMBROSIA

Microbiota-Inflammation-Brain axis in heart failure: new food, biomarkers and AI approach for the prevention of undernutrition in Olders

WHAT

The AMBROSIA project aims to prevent undernutrition in an older population (>70 years old) suffering from cardiovascular pathologies (atrial fibrillation, heart failure, or a combination of both).

WHO

The consortium includes 6 partners from 5 countries (Germany, Ireland, Italy, Spain, UK).

HOW

Development of a new chocolate bar containing a specific mix of probiotic strains and a cocktail of micro/macronutrients and Development of Machine Learning methods for predicting undernutrition.

FUNDING

AMBROSIA receives approximately 0.94 M€.

Project coordinator: **Amedeo Amedei** (University of Florence, Italy)

APPETITE

Innovative plant protein fibre and physical activity solutions to address poor appetite and prevent undernutrition in older adults

WHAT

The APPETITE project aims to prevent undernutrition in community-dwelling older persons with poor appetite.

WHO

The consortium includes 8 partners from 6 countries (France, Germany, Ireland, Italy, the Netherlands, UK).

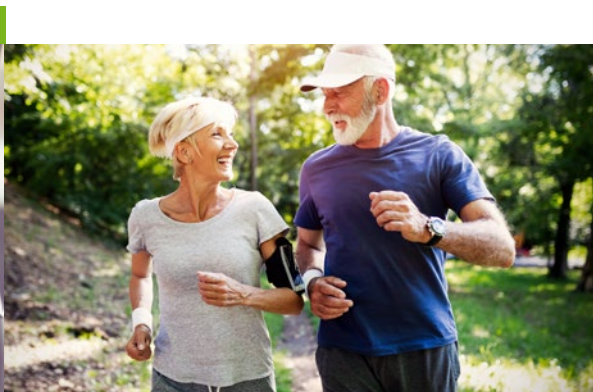
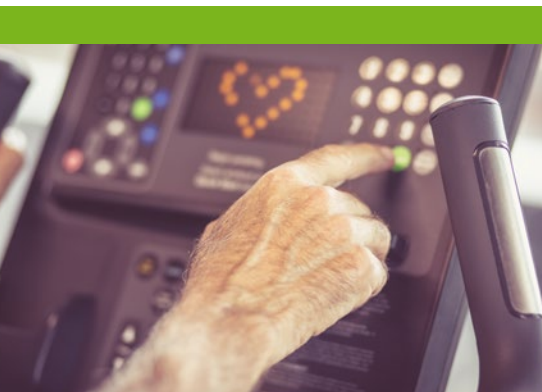
HOW

Combination of a physical activity program with an optimized diet (development of innovative food products combining several domestic plant proteins and dietary fibres).

FUNDING

APPETITE receives approximately 1.2 M€.

Project coordinator: **Dorothee Volkert** (Friedrich-Alexander-Universität, Germany)



CHOKO-AGE

Combining vitamin E-functionalized chocolate with physical exercise to reduce the risk of protein-energy malnutrition in pre-dementia aged people

WHAT

The CHOKO-AGE project aims to prevent undernutrition in pre-dementia elderly patients.

WHO

The consortium includes 7 partners from 4 countries (Italy, Norway, Spain, UK).

HOW

Combination of a physical activity program with an optimized diet (development of a vitamin E-functionalized dark chocolate rich in polyphenols and protein rich diet).

FUNDING

CHOKO-AGE receives approximately 0.87 M€.

Project coordinator: **Francesco Galli**
(University of Perugia, Italy)

EAT4AGE

Palatable, nutritious and digestible foods for prevention of undernutrition in active aging

WHAT

The EAT4AGE project aims to prevent undernutrition and impaired muscle function in older adults.

WHO

The consortium includes 8 partners from 5 countries (France, Ireland, Israel, Norway, UK).

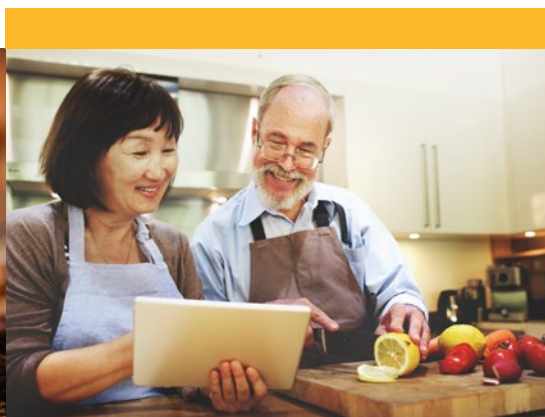
HOW

Development of innovative energy- and nutrient-dense food prototypes based on cereals, dairy and meat to increase the amount and quality of ingested protein for optimal muscle synthesis.

FUNDING

EAT4AGE receives approximately 1.4 M€.

Project coordinator: **Paula Varela**
(Nofima, Norway)



FORTIPHY

Preventing the risk of undernutrition by fostering meal fortification and physical activity in older adults

WHAT

The FORTIPHY project aims to prevent undernutrition in older adults (>70 years old) having a low appetite and living at home.

WHO

The consortium includes 5 partners from 4 countries (Belgium, France, Norway, UK).

HOW

Combination of a physical activity program with an optimized and personalized diet (design of fortified recipes containing high-protein ingredients) adapted for older adults living at home.

FUNDING

FORTIPHY receives approximately 1.7 M€.

Project coordinator: **Claire Sulmont-Rossé** (INRAE, France)

PROMED-COG

Protein enriched Mediterranean diet to combat undernutrition and promote healthy neurocognitive ageing in older adults

WHAT

The PROMED-COG project aims to identify undernutrition determinants during aging, to show the contribution of undernutrition on cognitive decline during aging and to prevent undernutrition and cognitive decline in elderly.

WHO

The consortium includes 6 partners from 5 countries (Germany, Ireland, Italy, the Netherlands, UK).

HOW

Combination of a physical activity program with a Mediterranean diet.

FUNDING

PROMED-COG receives approximately 0.68 M€.

Project coordinator: **Claire McEvoy** (Queen's University Belfast, Ireland)



More information:
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