

SALIVAGES

Innovative Technological Approaches for validation of Salivary AGEs as novel biomarkers in evaluation of risk factors in diet-related diseases

WHAT

Recent findings convincingly demonstrate that Advanced Glycation End Products (AGEs) are modifiable by diet and reflect changes in healthy state. SALIVAGES will investigate whether that diet-induced AGEs can act as reliable biomarkers of changes in health status and/or risk, focusing on the most highly accessible source of AGEs, the saliva.

WHO

The project is proposed by a highly qualified multidisciplinary research team with complementary experience in different fields of biochemistry, pathology, pharmacology and analytical chemistry. The scientific network involves five European countries: Italy, Spain, Ireland, Romania and Germany.

HOW

SALIVAGES will provide innovative and original tools for assessing status and efficacy of interventions, namely biosensors, metabolomics and biomimic approaches. It will also deepen understanding of the early events leading to the changes in health status, by multidisciplinary approaches based on the integration of preclinical biological and molecular studies, analytical and food chemistry, information technologies, and glycomic analyses.

FUNDING

SALIVAGES receives approximately 1.1M€.

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