ONCODIR

Evidence-based Participatory Decision Making for Cancer Prevention through implementation research

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Project **Background**

Colorectal cancer is the 3rd most common type of cancer worldwide and its occurrence is increasing, especially in populations with lower socioeconomic status, due to unhealthy dietary habits and lifestyle among others. The research project 'ONCODIR: Evidence-based Participatory Decision Making for Cancer Prevention through implementation' will identify risk factors associated with colorectal cancer and will integrate multidisciplinary research methods and technologies (including health policy analytics, artificial intelligence and decision support theories) to deliver evidence-based and personalised recommendations on colorectal cancer prevention.

ONCODIR is developing a platform based on artificial intelligence and privacy principles. It will provide recommendation services based on input from citizens, clinicians and policy-makers. We will consider factors such as lifestyle, nutrition and economics. To validate the ONCODIR results, we will conduct laboratory tests and pilots in five EU countries that will involve medical scientists, healthcare providers, foundations and consortium experts and will consider cost-effectiveness, affordability and cost-benefit parameters. The ONCODIR consortium consists of partners from diverse technological and scientific domains with a strong research capacity. ONCODIR is part of the Cancer Mission cluster of projects focused on prevention and early detection."

Project **Objectives**

IDENTIFY main correlations, barriers and significant factors of CRC

ENSURE equal and affordable access to cancer prevention strategies for everyone between and within EU countries

PROVIDE innovative AI-powered personalised prevention approaches

ENHANCE the ongoing evidence-based CRC prevention programmes for precise CRC primary prevention

ESTABLISH risk-based stratification for citizens considering structural and behavioural intervention through participatory approach

DESIGN intelligent monitoring tools for policy makers through a participatory co-designing approach

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Project Facts

Duration
06/2023 to 05/2027

Programme
HORIZON

Reference
101104777

Coordinator
ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS (CERTH)

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