

Detect Frailty and Fight Aging through mobile devices and improved immune response

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- University Rey Juan Carlos (URJC) is a public university. It was founded in 1996, and ever since it has oriented its teaching and research towards seeking interdisciplinary solutions for current problems.
- It provides knowledge to more than 41.000 students on five different campuses. The University's commitment to teaching and research excellence and its collaboration with industry and businesses, together with technological facilities
- The URJC is taking part in more than 23 European and International funded projects. University Rey Juan Carlos has a wide experience coordinating international projects, more specifically ERC Grants, MSCA and H2020 collaborative projects.
- The Department of Health Science – more specifically the research group dedicated to investigate healthy aging and immunology – is composed of epidemiologists, MD, biochemists, and immunologists with expertise in aging, vaccines, and clinical and observational trials.

Our project idea / expertise

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#H2020PartnerHealth

- **Slow Aging – early detection and intervention to prevent frailty using mobile imaging technology and AI in the GP setting.**
 - BETTER HEALTH AND CARE - Personalised medicine: Digital diagnostics – Clinical decisions tools – Data
 - BETTER HEALTH AND CARE - Innovative health: Clinical trials – Non Communicable diseases
 - Intervention: Anti-Aging Intervention (physical activity or Metformin → see TAME trial initiative USA)
 - Need: Recruitment Sites, AI cluster, Communication Specialist, Data Integration and Hosting including data security and APP.
- **Description of what you can offer to other proposals**
 - Epidemiologists, vaccinologists, immunologist

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- Using Behavioral Economic Approaches to Improve Vaccination Rates

- BETTER HEALTH AND CARE - Infectious diseases: Low vaccine uptake – Recommendations – Interventions

Content:

- Exhaustive EU wide review of reasons for low vaccine uptake
- Field test 2-3 predefined interventions, incl. smart phone reminders, home/work visits and other outreach campaigns in diverse setting to provide a scalable toolkit.

- Description of what you can offer to other proposals

- Epidemiologists, vaccinologists, immunologist

Contact details



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