**Description of the project**

ONCORELIEF is an ongoing Horizon 2020 Project that will allow the utilization of big datasets in order to develop a user-centered AI System to facilitate the integration of QoL assessment instruments through the use of focus group, PROMs and PREMs in order to improve post-treatment health status, increase the wellbeing, and follow‐up care of colon cancer patients. This will be achieved through an intuitive smart digital assistant (Guardian Angel), able to provide personalized support in post-treatment activities and tasks, suggest actions regarding the patients' overall health-status, improved wellbeing and active health-care and ultimately maintain him/her engaged on a wellness journey that will safeguard his/her health over the foreseeable prolonged post-cancer treatment period.

**Research activities**

The researcher will carry out the following activities

**A.** **Desk analysis:** In the first phase the researcher will identify grey literature and scientific articles on social determinants related cancer prevention and compliance. Deep knowledge of the main theories surrounding the sociology of health is required. Moreover, the researcher will also provide a systematic scientific literature review on the apps usability from the patients’ perspective.

**B. Definition of ONCORELIEF Evaluation Framework:**In this phase the researcher will contribute to the validation of an evaluation framework related to the pilots for the implementation of ONCORELIEF. This will be done by developing a detailed plan describing the processes, testing protocols and human subjects’ selection and exclusion criteria from a socio-methodological perspective as well as a comprehensive analysis of the social indicators, against which the performance, functionality, look-and-feel, ethical compliance and safety aspects of the ONCORELIEF solution will be evaluated.

**C. Fieldwork:**In this phase, focus groups and interviews will be conducted with patients’ organizations (e.g. Istituto Oncologico Romagnolo) to obtain relevant information on the use of ONCORELIEF device. The feedback will contribute to provide reliable indicators to measure the bio-psycho-social factors that influence the quality of life of cancer patients after treatment (also in a gender perspective).

Fluency in written and oral English is required as the project is carried out in conjunction with several foreign institutes. A strong grasp on Sociology of health theories is required. The candidate will be able to actively participate in international meetings and should be comfortable with public speaking in international context.