The conference ***Empowering Cancer Survivors: Innovations and Insights through Digital Solutions*** will take place on 28th August 2024 at the Medical University of Gdańsk, Poland. The event is organised for the first time as a collaboration between the Medical University of Gdańsk and the organisers of the EU funded Cooperation in Science and Technology (COST) Action - Implementation Network Europe for Cancer Survivorship Care.

A COST Action is an interdisciplinary research network that brings researchers, clinicians, patients, stakeholders and innovators together to investigate a topic of their choice for 4 years.

The event is aimed at doctors, psychologists, nurses, biostatisticians, information technology specialists, engineers and all those whose work is related to the care of patients after cancer treatment.

This conference encourages the sharing of evidence-based practice regarding digital solutions, implementation strategies, and sustainable models for cancer survivorship which seek to improve quality of life or symptom experience for those living with through and beyond cancer.

Just under one in three individuals develop cancer during their lifetime. It is projected that cancer cases may double by 2045; as the size and age of the population increases and increasing prevalence of modifiable cancer risk factors (e.g., obesity). Survival rates for cancer patients continue to improve; over 60% five-year and over 50% ten-years or more net survival rates are quoted internationally with figures improving due to advances in diagnoses and treatment. Over 4% of EU citizens have survived cancer, with an estimated 20 million citizens in Europe living with through or beyond cancer. Over 80% of individuals living beyond cancer treatment experience late and long-term effects of cancer treatment. Over a third of surviving cancer patients do not return to employment.

The conference will focus on topics related to modern digital solutions in cancer care (e.g. e-rehabilitation, artificial intelligence, digital solutions for reporting and managing symptoms, mobile applications and platforms, remote monitoring, tele-oncology, virtual clinics and much more). Researchers across Europe will share details of their innovative research. Examples of presentations include "*Harnessing multimodal patient-generated data and AI to enhance the quality-of-life monitoring and management of older cancer survivors: the LifeChamps digital care platform*" presented by researchers from Greece; "*Digital solutions in managing fertility preservation in cancer survivors"* from Malta*; "Why do molecular biologists need machine learning? Artificial intelligence in medicine"* from Poland; "*Breast Cancer Prognosis Using Machine Learning and Artificial Intelligence: A Review of Predictive Models in Breast Cancer Metastasis*" from Portugal and *"The Women's Health Initiative Linking You to Support and Advice [LYSA]: A Patient-Guided*

*Multi-Disciplinary Survivorship Trial incorporating electronic patient reported outcomes*" from Ireland.

The conference is followed by **a Training School for Early Career Researchers and PhD Forum** which will take place on August 30th 2024 at the Medical University of Gdańsk, Poland. The Training School for Early Career Researchers and PhD students will explore methodologies, challenges and enablers to research which will focus on "new frontiers, digital solutions and approaches to manging symptoms on the cancer journey" and writing grant applications for research funding.

The conference local organiser is Dr Ewa Pawlowska from the Medical University of Gdańsk, Poland and the COST Action lead is Professor Josephine Hegarty from University College Cork, Ireland.

**X** @INECancerAction

**Facebook** @inecanceraction

**Instagram** @inecancersurviorship

**Website** https://www.inecancersurvivorship.com/

**Cost EU based website** https://www.cost.eu/actions/CA21152/

**Conference proceedings:**