



Accelerating the lab to market transition of AI tools for cancer management

We will build an EU-wide interoperable repository of health imaging data to develop and validate AI tools for improved management of cancer

ACCESS TO 40,000 CASES OF CANCER

CHAIMELEON will provide access to quality-checked data on the most prevalent cancers worldwide: lung, breast, prostate and colorectal.

DISTRIBUTED INFRASTRUCTURE AND INTEROPERABILITY

CHAIMELEON will design an EU-wide cloud-based distributed repository with reusable methodologies and protocols that is interoperable with other existing repositories and biobanks.

ENHANCED IMAGE HARMONIZATION

CHAIMELEON will provide an online processing pipeline for images harmonisation to help overcome data heterogeneity and reliably generate comparable images in clinical practice.

DEVELOPING AND TESTING AI TOOLS FOR CANCER MANAGEMENT

The CHAIMELEON repository will serve as a resource for development, testing, and training of AI tools aimed at assisting clinicians in cancer diagnosis, treatment, and follow-up.

CLINICAL VALIDATION AND ETHICAL STANDARDS

CHAIMELEON will clinically validate AI-based solutions in observational studies and develop ethical standards for the use of health imaging data in the context of AI developments.

The project involves 18 renowned universities, research organisations, and industry partners from 10 European countries.



For more information visit
www.chaimeleon.eu

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