LDH
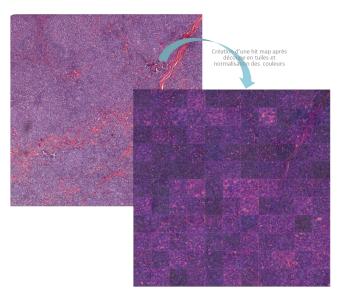## Lymphoma Data Hub

As well as often being fragmented, big health data is of varying quality, incompatible in format and governed by disparate rules. This makes it harder to use and stifles the potential of AI, leading to lost opportunities in terms of competitiveness and research partnerships. The Lymphoma Data Hub aims to provide solutions to the problems encountered in lymphoma R&D projects.
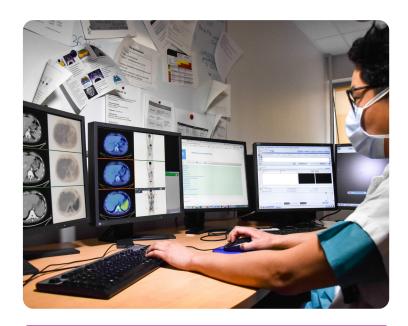
Carnot CALYM

Scientific / technological breakthrough

The Lymphoma Data Hub can be used to centralise and leverage 30 years' worth of clinical research. It aims to guarantee secure decompartmentalised use of data in academic and partnership-based research, and to develop AI tools for treating lymphoma cancer sufferers (from initial diagnosis through post-treatment follow-up). The "AI Against Lymphoma" project being deployed in partnership with Artefact demonstrates the feasibility of Carnot CALYM Institute's approach to using artificial intelligence in collaborative projects to develop solutions for understanding, diagnosing and treating lymphomas.

Création d'une hit map après découpe en tuiles et normalisation des couleurs

«AI Against Lymphoma»
Illustration d'étape de traitement des lames virtuelles

The competitive advantage for the economic stakeholders

The Lymphoma Data Hub provides the security, access and interoperability of big data to boost both the number and quality of collaborative research projects. The project will help to: 1/ Open new research avenues using differentiated AI-based approaches; 2/ Accelerate R&D in businesses through enhanced access to quality data from more than 25000 clinical trials; and 3/ Reduce costs by consolidating data and comparing historical data.

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