

Lucence Diagnostics to develop AI tools for treating liver cancer

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Lucence will be working with Olivier Gevaert, PhD, Assistant Professor of Medicine (Biomedical Informatics) and of Biomedical Data Science at the Stanford University School of Medicine.



Lucence Diagnostics, a genomic medicine company focused on personalizing cancer care, has announced a new project to develop AI algorithms for improving diagnosis and treatment of liver cancer.

The goal is to combine the imaging and molecular data from liver cancer patients into smarter software tools that help physicians make better treatment decisions.

Lucence will be working with Olivier Gevaert, PhD, Assistant Professor of Medicine (Biomedical Informatics) and of Biomedical Data Science at the Stanford University School of Medicine. Having developed LiquidHALLMARK®, the world's first liquid biopsy nextgeneration sequencing test that analyzes the DNA of cancer-causing mutations and viruses, Lucence will contribute its genomics expertise and proprietary sequencing technology to this project.

This project will evaluate a dataset of over 5,000 patients to identify image changes and patterns that are linked to diagnostic and treatment outcomes in liver cancer.