



GENOMICS | GENETICS | R&D | DIAGNOSTIC TESTS

## Genomic Vision announces early access program for a new detection suite based on innovative artificial intelligence technology

**Bagneux (France) - Genomic Vision (the “Company” - FR0011799907 – GV)**, a biotechnology company that develops tools and services dedicated to the analysis and control of changes in the genome, today announced that it has initiated an early access program for FiberSmart™, a new suite to automate the detection and quantification of fluorescent signals on combed DNA.

Through innovations in imaging, machine learning and Artificial Intelligence (AI), FiberSmart™ significantly enhances the automated signal detection, segmentation, and classification with 90% detection sensitivity per coverslip in the Replication Combing Assay (RCA) and 97% sensitivity for Facioscapulohumeral muscular dystrophy (FSHD) assay.

The suite was developed to enable high-throughput signal detection for the majority of molecular combing applications used by Genomic Vision customers. For example, in RCA, the current specification shows that 70% of detections can be analyzed without any user intervention.

FiberSmart™ is poised to enhance workflow, offering, and the ability for molecular combing users to process more than 8 times the sample volumes. FiberSmart™ eliminates manual processes previously required in the first generation FiberStudio®.

Prior to commercialization, Genomic Vision enlisted the Fritz Lipmann Institute (FLI) in Jena, Germany as an early access site for FiberSmart™. **Dr. Helmut Pospiech at FLI stated:** *“The new enhancements developed by Genomic Vision for the FiberSmart™ analysis package will help bring molecular combing to more researchers. Initial performance data shows the number of manual interventions required during the analysis, to be significantly reduced compared to FiberStudio®. This should improve both sample throughput and quality of the results. We are delighted to be an early access partner to confirm the usefulness and robustness of FiberSmart™ developed at Genomic Vision”.*

Genomic Vision plans to complete early access through summer 2021 with commercial launch of FiberSmart™ planned for Autumn 2021.

**Dominique Remy-Renou, CEO of Genomic Vision, added:** *“We are confident that FiberSmart™, our AI-based analysis suite will significantly enhance the molecular combing data analysis experience of our customers in FSHD and RCA markets. In parallel, we plan to leverage our enhancements with FiberSmart™ to target new high value markets as part of our aim to create end-to-end workflows for molecular combing, allowing us to broaden our product installation base”.*

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## ABOUT GENOMIC VISION

GENOMIC VISION is a biotechnology company developing products and services dedicated to the analysis (structural and functional) of genome modifications as well as to the quality and safety control of these modifications, in particular in genome editing technologies and biomanufacturing processes. Genomic Vision proprietary tools, based on DNA combing technology and artificial intelligence, provide robust quantitative measurements needed to high confidence characterization of DNA alteration in the genome. These tools are mainly used for monitoring DNA replication in cancerous cell, for early cancer detection and the diagnosis of genetic diseases. Genomic Vision, based near Paris in Bagneux, is a public listed company listed in compartment C of Euronext's regulated market in Paris (Euronext: GV – ISIN: FR0011799907).

For further information, please visit [www.genomicvision.com](http://www.genomicvision.com)

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## FORWARD LOOKING STATEMENT

This press release contains implicitly or explicitly certain forward-looking statements concerning Genomic Vision and its business. Such forward-looking statements are based on assumptions that Genomic Vision considers to be reasonable. However, there can be no assurance that such forward-looking statements will be verified, which statements are subject to numerous risks, including the risks set forth in the "Risk Factors" section of the universal registration document filed with the AMF on February 9, 2021 under reference number R.21-002, available on the web site of Genomic Vision ([www.genomicvision.com](http://www.genomicvision.com)) and to the development of economic conditions, financial markets and the markets in which Genomic Vision operates. The forward-looking statements contained in this press release are also subject to risks not yet known to Genomic Vision or not currently considered material by Genomic Vision. The occurrence of all or part of such risks could cause actual results, financial conditions, performance or achievements of Genomic Vision to be materially different from such forward-looking statements.

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