



PRESS RELEASE

31 July 2018, 07:00 CEST/14:00 CDT

Study Abstract on Performance of Idylla™ RAS tests Selected for Oral Presentation at 70th AACC Annual Scientific Meeting in Chicago, IL (US)

Mechelen, Belgium, 31 July 2018 – Biocartis Group NV (the 'Company' or 'Biocartis'), an innovative molecular diagnostics company (Euronext Brussels: BCART), today announces that a study abstract¹ on the performance of the Idylla™ KRAS and NRAS-BRAF-EGFR492 Mutation Assays² compared with Next Generation Sequencing (NGS) using colorectal cancer (CRC) tissue samples was selected for oral presentation at the 70th AACC (American Association for Clinical Chemistry) Annual Scientific Meeting taking place today in Chicago, IL (US). The study concludes that the Idylla™ system offers reliable and sensitive testing of mutations in KRAS, NRAS and BRAF directly from FFPE³ tumor tissue sections, and that it may complement NGS and other molecular testing systems at larger diagnostic centers by providing significantly faster turnaround times through its simplicity and ease of use.

In the study, 44 archived FFPE colorectal cancer (CRC) tissue samples previously analyzed by NGS⁴ were tested on Idylla™. The Idylla™ system successfully detected all of the target KRAS, NRAS and BRAF mutations previously identified by the NGS method, resulting in an Idylla™ sensitivity of 100%. Analysis of the control samples⁵ demonstrated agreement for all sample results with 100% reproducibility. The Idylla™ system produced results easily and quickly, with a turnaround time of approximately two hours.

Herman Verrelst, Chief Executive Officer of Biocartis, commented: *"This study demonstrates that the Idylla™ system may be suited for any type of diagnostic center, large or small. Its high sensitivity makes it ideal to complement NGS technology in a larger setting, while at the same time Idylla™'s ease-of-use and significantly faster turnaround time makes it also very suitable for small centers that lack highly trained staff and molecular expertise."*

Dr. Gregory Tsongalis, Director, Laboratory for Clinical Genomics and Advanced Technology at the Dartmouth Hitchcock Medical Center, reacted: *"The Idylla™ system has the potential to play a significant role in rapid screening for actionable mutations prior to NGS analysis. In addition, we have found that for cases where the sample quality is insufficient for NGS, either residual tissue or extracted DNA can be tested in the Idylla™ system to generate an actionable result, saving valuable time and effort."*

The study abstract will be presented today at the 70th AACC Annual Scientific Meeting in Chicago, IL (US) at 2:48pm CDT / 7:48am CEST.

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About Biocartis

Biocartis (Euronext Brussels: BCART) is an innovative molecular diagnostics (MDx) company providing next generation diagnostic solutions aimed at improving clinical practice for the benefit of patients, clinicians, payers and industry. Biocartis' proprietary MDx Idylla™ platform is a fully automated sample-to-result, real-time PCR (Polymerase Chain Reaction) system that offers accurate, highly reliable molecular information from virtually any

¹ M. Rabie Al-Turkmani et al., "Rapid Somatic Mutation Testing in Colorectal Cancer Using a Fully Automated System and Single-Use Cartridge: A Comparison with Next-Generation Sequencing", first presented at 70th AACC Annual Scientific Meeting in Chicago, IL (US).

² Research Use Only or RUO, not for use in diagnostic procedures.

³ Formalin-fixed, paraffin-embedded.

⁴ Using the Ion AmpliSeq 50-gene Cancer Hotspot Panel v2 (Thermo Fisher Scientific).

⁵ Horizon mutated samples.

biological sample in virtually any setting. Biocartis launched the Idylla™ platform in September 2014. Biocartis is developing and marketing a rapidly expanding test menu addressing key unmet clinical needs in oncology and infectious diseases. These areas represent respectively the fastest growing and largest segments of the MDx market worldwide. Today, Biocartis offers fifteen oncology tests and two infectious disease tests in Europe. More information: www.biocartis.com. Press Photo Library available [here](#). Follow us on [Twitter](#): @Biocartis_.

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Forward-looking statements

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