

New scientific publication focuses on DiviTum® and highlights the need for biomarkers of CDK4/6 inhibitors

A new publication in the scientific journal *Frontiers in Oncology*, authored by researchers at the Prato hospital in Italy, emphasize the need to find and utilize biomarkers to identify early treatment resistance and predict the likelihood of successful treatment to a new group of drugs, CDK 4/6 inhibitors. The article focuses on biomarkers and highlights DiviTum® as a technology with great potential, strong rationale and already documented pre-clinical and clinical data to evaluate CDK4/6 inhibitor efficacy.

The authors depict the biological drivers behind CDK4/6 resistance, succeeded by how DiviTum® can contribute to identifying patients where an early switch to an alternative treatment can improve patient outcome and support treatment decisions.

DiviTum® has in several studies proven the ability to evaluate CDK4/6 treatment responses in women with breast cancer, endorsing the potential of the assay to evaluate the effects of a targeted breast cancer therapy. The CDK 4/6 inhibitors sales is in excess of 4 billion USD/year and presently no biomarkers are clinically in routine use to evaluate or monitor the efficacy of this class of drugs.

“It’s encouraging that a key application for DiviTum® is given attention in this scientific article, summarizing the evidence so far. For patients with metastatic breast cancer, the published results support that DiviTum® can be used to evaluate the treatment efficacy of CDK 4/6 inhibitors. We aim to supply DiviTum® as a tool that can contribute to improved outcome for patients,” says Anders Rylander, CEO, Biovica.

Reference: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6664013/>

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DiviTum®

DiviTum® is an innovative biomarker assay developed with the aim to monitor and predict treatment response in cancer therapy. Via a blood sample, the test measures the activity of the enzyme thymidine kinase (TK). In normal cells, TK activity is hardly detectable, but in proliferating cells, the levels increase. Since the degree of TK activity is highly associated with the rate of cell proliferation, it is a particularly suitable biomarker for measuring tumor aggressiveness. DiviTum has in several trials already successfully demonstrated clinical potential in evaluating and monitoring the efficacy of endocrine standard treatments for women with metastatic breast cancer.

Biovica – Best Possible Treatment from Day One.

Biovica develops and commercializes blood-based biomarker assays that improve monitoring of modern cancer therapies and predict patient outcome. The company’s DiviTum® assay, a test for accurately measuring cell proliferation, has successfully demonstrated its capabilities to early evaluate therapy effectiveness in several clinical trials. Biovica aims to make best-possible-treatment from day one a reality. Biovica collaborates with world-leading cancer institutes as well as pharmaceutical companies launching next-generation therapies. The company is ISO 13485 certified for Quality Management Systems. DiviTum® is CE labelled and MPA registered. Appointed Certified Adviser is FNCA Sweden AB, info@fnca.se, +46 8 528 00 399.