

Press Release



Successful launch of bio.logis GIMS in “U-PGx” EU project

The U-PGx EU project for supporting the application of pharmacogenetics in clinical practice / bio.logis’ Genetic Information Management Suite (GIMS) commissioned by three European university hospitals

This EU-funded project is part of the Horizon 2020 program “Ubiquitous Pharmacogenomics” (U-PGx) and aimed at driving the implementation of pharmacogenetics in diagnostic and clinical practice. The objective is to treat patients with medication and doses that are ideally suited to their personal genetic make-up. As part of this project, bio.logis Genetic Information Management GmbH, based in Frankfurt, will make its GIMS Genetic Information Management Suite available, which was specifically developed for genetic diagnostics. GIMS has now been implemented in the first three of a total of seven European university hospitals, enabling maximized efficiency in creating customized reports with easily understood pharmacogenetic recommendations for physicians and patients.

As part of the U-PGx project, seven notable European university hospitals will, over the course of the next five years, analyze the genetic make-up of over 8,000 patients taking one of 84 selected drugs. This is based on the fact that there is a known relationship between the individual effect of these drugs and the patient’s genetic make-up (pharmacogenetics). In addition, specific treatment and proposed dosage recommendations can be displayed depending on the analysis results. The recommended action and proposed dosage recommendations for these drugs are provided by the internationally renowned KNMP (the Royal Dutch Pharmacists Association). In the last few months, these recommendations have been translated into their local languages by the participating university hospitals using GIMS. With the project now having started officially, the university hospitals in Granada, Patras and Ljubljana are in the process of recruiting their first patients. The other hospitals in Leiden, Vienna, Liverpool and Aviano are supposed to follow next year.

The IT solutions developed by bio.logis support genetic laboratories with translating analysis results into leverageable clinical information and recommended action. GIMS enables the efficient automated production of diagnostic reports as well as the digital delivery of results and information to physicians and patients. The software suite’s “Diagnostic Report Module” used in U-PGx has the CE mark to identify it as a class I medical product. Using GIMS in this EU project enables participating hospitals to automatically create standardized diagnostic reports based on state-of-the-art scientific knowledge and the collated laboratory findings. The reports are created in seconds and can be delivered in the local language. The reports can be accessed online via a secure Web portal regardless of the physician’s or patient’s location. “Introducing our GIMS solutions within this EU project enabled us to show that high-quality standardization and leveraging of continuously growing data volumes and insights in medicine is only possible with the help of IT. It is our vision to support and facilitate the physician’s daily job with our developments to contribute to customized and efficient patient care,” said Enrico Just, Managing Director, who will introduce GIMS to the wider public in Vienna on May 11 at the 2nd U-PGx Annual Consortium Meeting.

For more information on the “Ubiquitous Pharmacogenomics” EU project, please visit <http://upgx.eu/>

About bio.logis Genetic Information Management GmbH

bio.logis Genetic Information Management GmbH translates genetic data into medically leverageable information and makes it available to physicians and patients. To that end, it has developed a special "Genetic Information Management System (GIMS)" IT solution which, in the process chain required for genetic diagnostics, focuses on the "last mile" from physician to patient by merging raw genetic data with clinically leverageable knowledge for prompt application. GIMS supports physicians both in laboratories for automatically generating such expert content, and in hospitals with specific clinical suggestions. The physician reports and recommended action generated by GIMS is delivered straight to the point of care via laboratory and physician information systems as well as electronic health records. For more information about our company and our products, please visit <https://www.biologis.de/>.

About U-PGx (Ubiquitous Pharmacogenomics)

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