

## **Pharmacogenomics Implementation in Public Health Care: MedeA Initiative**

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The Clinical Implementation of Personalized Medicine in Health Services Project (Applied Personalized Medicine-MedeA-) consists of a healthcare innovation program that has sought the involvement of private companies in its development through the use of Innovative Public Procurement (IPP). The innovation was to promote personalized drug prescription. The innovation is that, in addition to genetic analysis, other data must be integrated (personal and family history of response to drugs, information on environmental factors, other analytical data, etc.). This set of information should be used to generate ICT support tools that enable decision-making in individual drug prescription. The project has developed a Personalized Prescription System for the Extremadura Health System. In summary: MEDEA is a patient-centered Personalized or Precision Medicine project that uses genetic information along with other relevant information to optimize prescribing in real-world conditions. In order to validate the implementation and determine genetically related adverse drug reactions, 8,100 patients have been clinically evaluated, and the results will be presented at the event.