



Co-funded by the European Union  
Grant Agreement n° 874719

## **Cancer Reporting GPAP (Lead: FUNDACIO CENTRE DE REGULACIO GENOMICA)**



### **Project abstract**

The project will develop the Cancer Reporting GPAP, a professional solution addressing the integration of next generation sequencing (NGS) results, emedication data and clinical evidence for therapy decision making in adult and paediatric cancers, common and rare. It will enable user-friendly interpretation and pathogenicity ranking of the NGS variants, according to CAP/ASCP and/or ACMG/AMP guidelines, using functional and medical annotations through internal and external resources, and will generate a customizable report for clinicians supporting medical decision-making. The core of the application will be based on the current RD-Connect GPAP Platform that uses scalable Big Data technologies, with the latest security tools for controlled user access, and a graphical and intuitive user interface. The Cancer Reporting GPAP is designed to be secure and privacy preserving through controlled access, aligned with the relevant ISO Standards and the protection regulation (GDPR) required for IVDR.