

Summary of features

BC Mosaic is a comprehensive data warehouse and research management platform tailored for clinical, genomic, and multi-omics studies. The platform enables seamless collection, storage, and referencing of diverse research data types—including phenotypic, NGS, GWAS, variant analysis, gene expression, and proteomics—through user-friendly interfaces and secure application accounts.

Key features include:

- **Scalability:** Supports research environments ranging from small-scale candidate gene studies to large, international collaborations.
- **Project-Centric Workspaces:** Facilitates clear organization of research projects and user groups, ensuring effective separation and management of studies.
- **Centralized Data Governance:** Offers fine-grained, centralized data release and access management, enabling multiple concurrent research projects to operate securely with distinct data content and access scopes.
- **Compliance and Quality:** Designed with robust data management and auditing tools, BC Mosaic supports the development of quality-certified, compliant research processes.

This platform empowers organizations to manage complex research data securely and efficiently, supporting both operational excellence and regulatory compliance in multi-project, multi-user environments.

Main features list

- Comprehensive data warehouse and research management platform for clinical, genomic, and multi-omics studies
- Seamless collection, storage, and referencing of diverse research data types (phenotypic, NGS, GWAS, variant analysis, gene expression, proteomics)
- User-friendly interfaces and secure application accounts
- Scalability to support both small-scale and large, international research collaborations
- Project-centric workspaces for clear organization of research projects and user groups
- Effective separation and management of multiple studies
- Centralized data governance with fine-grained data release and access management
- Secure operation of multiple concurrent research projects with distinct data content and access scopes

- Robust data management and auditing tools
- Support for quality-certified, compliant research processes
- Enables secure and efficient management of complex research data
- Supports operational excellence and regulatory compliance in multi-project, multi-user environments

Multi-tier, role-based access lets you manage institutional and individual permissions on a project-specific basis. Built for GDPR+ compliance and ready for European Health Data Space (EHDS) regulations, BC Mosaic ensures that your research meets the highest standards of data privacy and governance.