

e-MetaRes[®]

A platform for researchers

- ✓ Access to high-quality biosamples
- ✓ Increased access to data
- ✓ Higher reliability in results



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e-MetaRes® is a specialized platform designed for researchers and research-related institutions, enabling **comprehensive access to patient and biosample data** within the system's network.

At its core, e-MetaRes® allows researchers to **generate precise queries** that combine clinical, laboratory, genealogical, lifestyle, and biosample data, resulting in highly refined patient cohorts.

Beyond data retrieval, the platform also **records research protocols and outcomes**, ensuring reproducibility, transparency, and consistency across studies.

This integrated approach not only **accelerates discovery** but also **fosters collaboration** across institutions and disciplines.



Access is strictly limited to pre-accredited research entities, ensuring **data integrity, confidentiality, and compliance with international standards.**

The platform's modular capabilities include:



Multicriteria Query Tool — Supports unlimited, multi-dimensional queries on patient and biosample profiles, with percentage-based cohort adoption ranging from 50% to 100%.



Research Protocol Annotation — Access to over 3,000 research protocols across a spectrum of 64 assays, with structured, drop-down menus to standardize and streamline study design.



Analytics — Real-time insights into laboratory workflows, diagnostic outputs, and cohort-level analyses, enabling data-driven decision-making.

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Search History — Complete storage of previous queries for reproducibility, auditability, and efficient follow-up research.



Dynamic Real-Time Environment — An accessible, user-friendly data exploration interface that supports hypothesis-driven research without requiring advanced IT expertise.



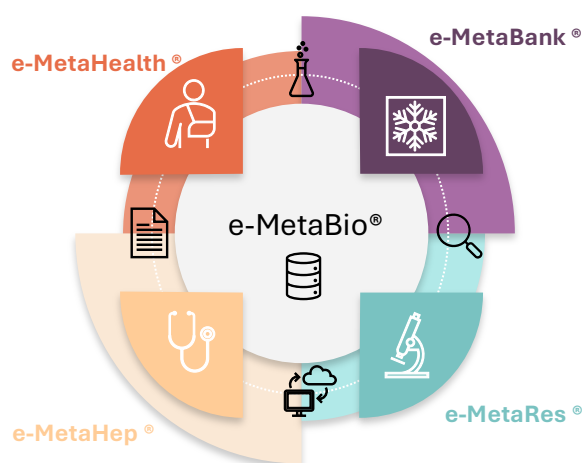
Universal Dashboard — Aggregated country-level statistics on patient and biosample cohorts, enabling global visibility and strategic planning.



Digital Dynamic Consent Form — A GDPR/HIPAA-compliant, tiered consent system that governs data access, utilization, and dissemination of biospecimens and associated records in real time. It enables transparent patient recruitment and responsible data sharing across the global research network.

By integrating these modules into a unified platform, e-MetaRes® enhances the **efficiency, transparency, and scalability of clinical and translational research**. It transforms dispersed real-world data and biosample information into actionable insights, supporting cohort discovery, precision medicine, and evidence-based innovation.

e-MetaRes® is **one of the 4 platforms** of the e-MetaBio® data network, which functions as a unified interoperable ecosystem for comprehensive data collection, storage, and distribution across the entire biosample lifecycle, from patient/donor to hospital, biobank, and research entities.



Apart from e-MetaRes®, e-MetaBio® comprises of:

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e-MetaBank® Comprehensive biobank solution for biospecimen collection, processing, storage, logistics, and annotation.

e-MetaHep® Standards-based EMR for hospitals and healthcare institutions with full interoperability and real-time consent.

e-MetaHealth® Patient-centered platform for real-world data capture, disease management, and dynamic e-consent.

With e-MetaRes®, you are not just accessing data, you are building collaborative knowledge, advancing discovery, and forging a trusted pathway toward the future of research and innovation.

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