

# GHGA

# FEGA



## Enhancing Transnational Genomic Research through the Federated European Genome-phenome Archive



### Secure Archiving and Controlled Data Access

The European Genome-phenome Archive (EGA) is a secure repository for storing and sharing human genomic and other sequencing-based data under controlled access. It provides essential services for data submission, discovery, and access, ensuring data protection and compliance with ethical standards.



### A Federated Network for Genomic Data

The Federated European Genome-phenome Archive (FEGA) expands EGA's structure by creating a network of national data nodes, coordinated by central EGA. This approach ensures cross-border discovery and access to human data while complying with national data protection regulations.



### GHGA's Role in FEGA

As part of FEGA, GHGA maintains local management and storage of human genomic and phenotypic data within Germany, ensuring compliance with national data protection regulations. By integrating into the FEGA network, GHGA enhances the findability and usability of German datasets in conjunction with other European studies, promoting international collaboration in genomic research.



### Supporting European Data Initiatives

GHGA collaborates with European initiatives such as FEGA, 1+MG, EHDS, and GDI to enable secure, transnational genomic research to advance personalised medicine and data-driven healthcare solutions.



Visit [ghga.de/partner](https://ghga.de/partner) to learn more about GHGA's contributions to initiatives like FEGA.

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