GHGA takes a multilayered approach to protect sensitive human omics data

Implementing Cybersecurity
GHGA is developing state-of-the-art infrastructure to securely store human omics data and reduce the risk of a data-breach to an absolute minimum.

GDPR Compliant Data Processing
The interpretation of the GDPR is country dependent. As a German initiative, GHGA addresses the legal basis for data processing in the national context.

Managing Consent
GHGA has developed different tools to help clinicians, researchers and institutions wanting to submit omics data to GHGA.

Controlled Data Access
Only non-personal metadata is public within the GHGA Data Portal. Use of the research data or personal metadata must be approved by the data owner. GHGA serves as a mediator in this process.

A study involving cancer patients found that 97 percent are willing to make clinical data available for research purposes.

The major condition for their consent? High data security.

A goal GHGA is striving to achieve.

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