

# At the Service of Research and the Public

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## Service Platforms and Facilities



The interdisciplinary research programmes at the GSF require scientific service and other large facilities that for reasons of efficiency are best operated centrally. These facilities can also be used by external partners under special agreements.

### Official Personal Dosimeter Service

The primary task of the Official Personal Dosimeter Service is the monthly determination of individual radiation doses as laid down under the official regulations for occupational exposure to radiation; around 1.3 million dosimeters are evaluated annually.

<http://awst.gsf.de/>

<http://www.gsf.de/neu/awst-hh>

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### Services in Image Analysis and Statistics

ImStatLab at the Institute of Biomathematics and Biometry provides consulting services in image analysis and statistics in the framework of the R&D programme of the GSF. Goals of ImStatLab are the transfer of new methods in Image Analysis and Statistics as well as the improvement of the scientific quality of empirical research in the GSF.

<http://ibb.gsf.de/~imstatlb/>

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### The Genome Analysis Centre

(GAC) at the Institute of Experimental Genetics serves the investigation of genome and proteome mechanisms in the development of complex diseases.

<http://www.gsf.de/ieg/services/gac/start.html>

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The **German Mouse Clinic** (GMC) at the Institute of Experimental Genetics provides a range of research methods compiled centrally in a series of laboratory modules to allow the comprehensive and standardized phenotyping of mouse mutants.

<http://www.mouseclinic.de/>

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### Cooperative Health Research in the Augsburg Region

(KORA) serves as a platform for a broad spectrum of individual research projects at the GSF and among cooperation partners and external users.

<http://www.gsf.de/KORA/en/>

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### The Munich Protein Sequence Information Centre

(MIPS) at the Institute of Bioinformatics works on the systematic functional and structural analysis of proteins with a focus on the characterization of model genomes. MIPS supports and maintains a set of generic databases as well as the systematic comparative analysis of microbial, fungal, and plant genomes.

<http://mips.gsf.de/>

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*When developed dosimeter film darkens in proportion to the amount of radiation energy received. Due to the differing amounts of filtration information can be gained on the energy of radiation causing the dose.*

### The **Research Farm Scheyern**

Established in 1990 and leased by the GSF since 2005 the former monastery estate serves as a platform for interdisciplinary ecosystem research on agricultural land.

[http://www.gsf.de/neu/scheyern/index\\_en.php](http://www.gsf.de/neu/scheyern/index_en.php)

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### The **Central Anorganic Analysis Facility**

at the Institute of Ecological Chemistry performs analyses of minerals, trace elements, and anions for research projects within the GSF and for others.

<http://www.gsf.de/neu/Service/ZAA/>

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### **Antibody Platform**

The Service Platform for Monoclonal Antibodies at the Institute of Molecular Immunology develops and provides monoclonal antibodies of the highest quality and plays a key role in the interlinking of activities in German genome research.

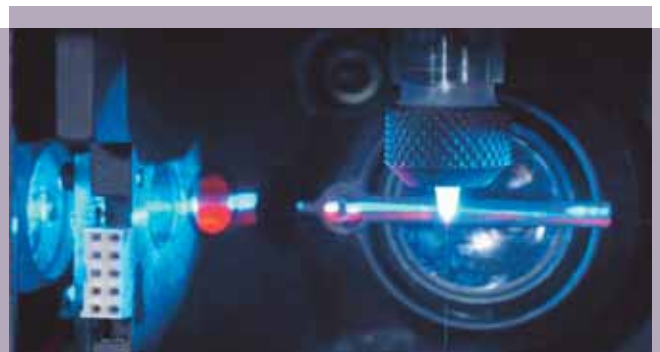
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### **Cell Sorting Facility**

The Service Facility for Cell Sorting with the MoFlo at the Institute of Molecular Immunology provides sterile high-speed cell sorting of infectious and genetically modified cells and multiparameter analyses with the fluorescence-activated cell sorter (FACS).

<http://www.gsf.de/imi/zs>

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*Cells marked by fluorescent dyes can be sorted using laser light.*