



The GSF contributes to the foundation of future medicine and health care as well as ecosystems, which are of critical importance for health. Our focus is on chronic degenerative diseases like lung diseases, allergies, cancer, and cardiovascular diseases that are influenced to a large extent by environmental conditions, personal risk factors, and life style. Therefore, in order to generate a knowledge base, we analyse interactions between genetic disposition, biological systems, and environmental factors. This will lead to the development of new personalised approaches in prevention, diagnostics, and causal therapy – the future direction of medicine. Our strategy is based on translational approaches that [bridge basic research with clinical application](#) to provide an immediate benefit to the patient.

The [research projects](#) of the GSF are focussed on four complementary areas:

Environmental factors and health,
Mechanisms of health and disease,
Infection and immunity, and
Ecosystems and health.

Networking across disciplines facilitates [exchange of knowledge and value creation](#). In addition, GSF scientists ensure that the most recent research results can flow into guidelines and new legislation by participating in national and international advisory commissions. The GSF is highly committed to scientific and technical excellence in its institutes and departments, as well as the promotion of young scientists.

The GSF is a research institution of the Federal Government and the State of Bavaria within the [Helmholtz Association of German Research Centres](#) with approximately 1700 associates in 24 institutes and departments.

The main research site is located in the north of Munich. Several groups are closely linked to the universities and hospitals.