

Molecular medicine is a prime example of interdisciplinary work between molecular biologists, clinical researchers and physicians involved in patient care. It addresses the genetic bases of human diseases and the molecular mechanisms leading to clinical symptoms. In Freiburg the emphasis is on oncology as well as disorders of the kidney, liver, skin, and the hematopoietic, musculoskeletal, nervous and vascular organ systems.

The principal investigators in Molecular Medicine at the SGBM participate in several collaborative research centers, such as the [SFB 746 "Functional Specificity by Coupling and Modification of Proteins"](#), [SFB 850 "Control of Cell Motility in Morphogenesis, Cancer Invasion and Metastasis"](#)

and its integrated Research Training Group, in networks of Excellence for Rare Diseases funded by the Federal Ministry of Education and Research (BMBF), such as the

["Network for Skeletal Dyplasias"](#)

(skelnet), the

["Network Epidermolysis bullosa"](#)

(EB) the "European and German Leukemia Net" and several international disease networks funded by the European Union and the NIH.

In addition, SGBM closely cooperates with the [International Master Program in Biomedical Sciences \(IMBS\)](#) also suited for applicants with a BSc Hon.

To find information on the principal investigators in this area please click [here](#)