

Biotech Center

JENA



Recombinant DNA structures in gene silencing amidst sequencing, bioprospecting, genomics, photonics and epigenics, fermentation, clonination, metabolomics, transgenesis of monoclonal antibodies, biocatalyses and bioreactors in genome editing of wild biomarkers on empirical biotissues of somatic gene therapy.

The Hans Knöll Institute (HKI) in Jena is one of Germany's most renowned research institutes in the field of biotechnology and microbiology. Founded in 1992 and named after the German microbiologist Hans Knöll, the institute is part of the Leibniz Association, a network of independent research institutes in Germany. The new and extended building is located on the Beutenberg Campus in Jena, an important centre for bioscientific research and innovation. Among others, the Fraunhofer Institute, the Max Planck Institute and the Abbe Centre of Photonics of the Friedrich Schiller University Jena are located there.

Within this scientific centre, the aim was to create spaces for the new HKI employees outside the laboratory building that blend harmoniously into the architectural typology of the campus and at the same time emphasise the independence of the institute. These spaces should enable direct identification with the HKI. Outdoor areas were designed that allow the complex biotechnological processes to recede into the background and instead allow the sensitivity and diversity of nature to be experienced. The result is a micro-campus that combines the power and delicacy of nature and technology and allows the interplay of hard and soft elements to be experienced both indoors and outdoors. A poetic collage of a living, often uncontrollably changing Thuringian ecosystem in the midst of a mechanised and air-conditioned laboratory world.









Project data

Project Biotech Center (HKI)

Location Jena, GER

Client Leibniz Institute for Natural Product Research and Infection Biology (Hans Knöll Institute)

Planning period 2017-2023

Construction period 2022-2023

Completion 2023

Services Planning and construction management (phases 1-8)

Size 2.800 m²

Costs 1,6 million € net

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