



Lease offer

Researchers, medical practitioners, developers and industry collaborate at the Balgrist Campus in order to alleviate and to resolve the problems of patients suffering from musculoskeletal conditions.



Concept

The centre of the innovative research and development building is designed to stimulate communicative interaction for encounters and exchange of knowledge.

The dry labs are located on the top floor, the offices are on the ground floor and the wet labs are in the basement. This arrangement encourages cooperation between the researchers in the interconnecting centre of the building.

Most research teams work in several areas within the building and meet spontaneously in the open-plan centre of the building.



Research location Zurich

The strength of the Swiss economy is ultimately a result of the internationally comparatively high investment in research, development and innovation. Private as well as public research institutes benefit from this competitive environment. The availability of highly-qualified personnel is one of the special features of the Swiss research site.

The two public educational institutions Swiss Federal Institute of Technology ETH and the University of Zurich UZH mark the attractive research area of Zurich. Many private companies have established their headquarters and/or their centres of excellence in research in the Zurich area. Both Zurich higher educational institutions enjoy a global reputation for the promotion of medical biotechnology and create the basis for medical technology firms - notably in the orthopaedic area - to establish themselves here. They account for a dynamic and growing sector of the Swiss economy.



Location

Balgrist Campus is located in Zurich's Health Cluster Lengg in close proximity to hospitals, clinics and other research institutions.

ETH zürich



Universität
Zürich^{UZH}

Balgrist

Universitätsklinik



Das Spital der
Eleonorenstiftung

balgristcampus



HIRSLANDEN
KLINIK HIRSLANDEN

Psychiatrische
Universitätsklinik Zürich

+EPI



Design

The different types of room needed (wet labs, dry labs and offices) have deliberately not been arranged as individual departments, but are each concentrated on a particular floor:

The wet labs are located on the lower ground floor; office workplaces on the ground floor and dry labs on the upper floor.

The idea of spatial separation of research departments has been abandoned in favour of increased utilisation of shared facilities and infrastructure and thus more interaction and communication.





Architecture

Floor structure

Due to the split-level floor arrangement, also diagonal perspectives emerge throughout the whole building. Mutual awareness and intercommunication between users is thus supported and enhanced.

The floor layouts are arranged as clusters. Facilities available to all users (shared facilities) are densely arranged as a means of bringing together users and encouraging communication.

Space is allocated according to function and not departments: the wet labs, dry labs and offices are each concentrated on a separate floor. Cross-departmental positioning of facilities ensures the greatest possible interaction between professorships.



Wet lab

Characteristics

The wet lab consists of a generous open space zone at the front and a “backbone” of shared facilities.

The open space area accommodates laboratory benches as well as write-up workstations.

“Shared facilities” at the back of the laboratory offer access to special systems: e.g. microscope rooms, cooling chambers, a dark-room, a centrifuge room and a cell culture laboratory. Storage rooms and sanitary facilities are located right next to the laboratory.

Structural

Exposed ceiling height

- 4.05 m Open Space
- 3.00 m Storage area

Flooring rubber

Media provision

- Lab water cold/warm; low-ion water; lab cooling water
- Carbon dioxide
- Nitrogen
- Compressed air
- LAN connection
- Power connection

Vacuum (central) & liquid nitrogen (central)



Wet lab floor plan





Office

Features

The office constitutes the entrance level. It provides the complete infrastructure for an office workspace: apart from the workstations in the open space, various room types ranging from telephone booths for sensitive phone calls, meeting rooms for 4-6 people to conference rooms for events for up to 20 persons are provided. Furthermore, the office floor offers a spacious coffee area, which is the central meeting point in the building.

The office workspaces are connected to the telephone system and network; copying and printing services are provided.

Structural

- Exposed ceiling height
- 3.79 m in-house installations
- Flooring: double floor, coating, rubber

Equipment

Workplace

- LAN connection
- Phone, electricity

Telephone booths

- Soundproof booths for sensitive calls
- LAN, phone, electricity

Meeting rooms

- Installed projector
- LAN, phone, electricity



Office floor plan



- | | | | | | |
|---|--|---|---|--|---|
|  offene Bürolandschaft |  geschlossene Räume |  Verkehrsfäche |  Infrastruktur |  Nebenräume / support |  Shared Facilities |
|  Vermietete Arbeitsplätze / Schreibtischplätze |  Zu vermietende AP / Schreibtischplätze | | | | |



Dry labs

Features

The dry lab offers ideal research conditions with an extra high split level. The layout here is also designed for flexible utilisation. Both cell utilisation and also an open space area are available. The media installed on this floor correspond to those on the wet lab floor.

Structural

Exposed ceiling height

- 3.84 m normal area
- 5.28 m extra high area

Flooring rubber

Media

- Lab water cold/warm; low-ion water
- Carbon dioxide
- Nitrogen
- Compressed air
- LAN connection
- Phone connection
- Power connection

Vacuum (central) & liquid nitrogen (central)



Dry lab floor plan



- offene Labor- und Bürolandschaft
- geschlossene Räume
- Verkehrsfläche
- Infrastruktur
- Nebenzimmer / support
- Shared Facilities
- vermietete Arbeitsplätze: Schreibplätze, Labor
- Zu vermietende AP



Lower ground floor

Features

Like the top floor the lower ground floor is equipped with extra high and normal height rooms. Available rooms have basic features (lighting, air conditioning, heating), which can be adapted individually.

Structural

Exposed ceiling height

- 3.97 m low area
- 5.41 m extra high area

Flooring

double floor, rubber coating underlay (cement screed with coating)

Room categories

- Y01 Gait analysis
- Y02 Room 40m², Height 5.41m
- Y03 Room 140m², Height 5.41m
- Y04 Room 440m² Height 3.97m
- Y05 Room 240m², Height 5.41m
- Y06 Ladies changing
- Y07 Mens changing
- Y08 Storage



Lower ground floorplan



- geschlossene Räume
- Verkehrsfläche
- Infrastruktur
- Nebenräume / support
- Shared facilities
- Zu vermietender Raum/
Einmietung möglich
- Bereits vermieteter
Raum

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RESEARCH, DEVELOPMENT AND EDUCATION
FOR HIGHLY SPECIALIZED MEDICINE



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*Research Institution of National Importance
according to article 15 FFG*