



Left and Centre: Project meetings and discussions. Right: Project site construction supervision.

Design a Functional Laboratory

Medium and Small Scale Size Laboratory

Facts and Figures

Scope of Services

- _ Interior architectural design
- _ Design reviews
- _ Construction verification and certification

Rationale

Science keeps evolving and the landscape of lab design is rapidly changing. In order to design and build a functional laboratory to cater for specific needs and keeping the flexibility for future multidisciplinary science study is a challenging task not only for scientific staff, facilities operation and management team, but also for the team of architects, engineers, and contractors. As Basler & Hofmann understands the challenges faced by laboratories owners and operators, we are able to cater and customise our services to meet your needs.

Type of laboratory

- _ Biological laboratory (BSL-2/3)
- _ Animal facility (SPF, ABSL-2/3)
- _ GMP facility
- _ Clean room
- _ Greenhouse
- _ Special activity laboratory (e.g. imaging, TEM, NMR)

Service Outline

- _ Guidance on the laboratory design requirements and standards, legal requirements
- _ Advise on facility planning, budgetary estimations and project strategy

- _ Analysis of researchers' requirements and translation to an efficient, safe and functional laboratory layout
- _ Laboratory Architectural and M&E design
- _ Sustainable laboratory design
- _ Feasibility study of laboratory construction, outfitting and retrofitting
- _ Advisory on the laboratory construction methods and selection of materials
- _ Laboratory project management
- _ Value Management & Engineering

Expertise

Basler & Hofmann has a team of experienced safety professional, biologists, and engineers with fundamental understanding of daily laboratory operation and maintenance.

Information and enquiries

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