



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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