

Core Facilities

IMMEI, University Hospital Bonn

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Purpose

This page provides an overview of **core facilities** used by IMMEI research groups and the Abdullah Lab.

It is intended to help new PhD students: - Understand which facilities exist - Know who to contact for access and training - Navigate required inductions and introductions

This page describes **what facilities exist and how to access them**, not how to perform experiments.

Flow Cytometry Core Facility (FCCF)

The **Flow Cytometry Core Facility (FCCF)** provides flow cytometry analysis, high-parameter acquisition, and cell sorting services to IMMEI and the wider Medical Faculty.

Access and training

Before using any FCCF instruments, users must: - Arrange an **induction and training** - Be approved for independent instrument use (where applicable)

Primary contact for induction and training:

Andreas Dolf

New users should contact Andreas Dolf early during onboarding to: - Schedule an introduction - Discuss training requirements - Clarify which instruments are appropriate for their project

Available instrumentation (overview)

The FCCF hosts a range of flow cytometers and sorters, including: - Multi-laser analyzers for high-parameter flow cytometry - High-speed cell sorters suitable for: - Immune cell sorting - Rare population isolation - Downstream functional and molecular assays

Specific instrument availability, configurations, and booking procedures are maintained by the FCCF and may change over time.

FCCF staff

The FCCF is supported by dedicated technical and scientific staff who: - Provide user training - Support experimental planning - Assist with complex sorting and analysis tasks

Users are encouraged to engage with FCCF staff when planning demanding or non-standard experiments.

Further information

Official FCCF information, updates, and contact details are available at:
<https://www.medfak.uni-bonn.de/en/research/infrastructure/fccf/home>

Animal facility

Animal work is conducted through the **central animal facility** at the University Hospital Bonn.

Access and introduction

To obtain access: - Contact **Daniela Krauss** - Arrange required introductions and approvals - Complete any mandatory inductions before starting animal work

Mouse management

- Mouse colonies and experimental records are managed using **PyRAT**
- All mouse work must be recorded according to facility and institutional requirements

Animal work must comply with all ethical approvals, institutional rules, and national regulations.

Imaging facilities

(To be completed)

Proteomics facilities

(To be completed)

Sequencing and genomics facilities

(To be completed)

Scope and limitations

This page: - Summarises **available infrastructure** - Provides **access pathways and contacts**

It does **not**: - Replace facility-specific SOPs - Provide experimental protocols - Guarantee instrument availability

Notes

Core facilities evolve over time.

If access procedures or contacts change, this document should be updated accordingly.