

# Core Facilities

## IMMEI, University Hospital Bonn

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**Author:** Dillon Corvino

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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.

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### 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>

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## 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.

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## Imaging facilities

*(To be completed)*

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## Proteomics facilities

*(To be completed)*

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## Sequencing and genomics facilities

*(To be completed)*

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## 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

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## Notes

Core facilities evolve over time.

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