



February 2024

approved by the steering committee: Selhuber-Unkel; Blasco; Fischer

BIOMECHANICS CORE FACILITY - AGREEMENT

Task

The Biomechanics Core Facility has various devices and offers assistance to characterize mechanical properties. A full list of equipment is described on the following website: <https://www.imseam.uni-heidelberg.de/selhuber/facilities/biomechanics>

Services and fees

Cooperation: The users are allowed to work on the equipment only after a successful training session. Training costs are fixed per user per training, in addition to the price for the booked hours. Afterwards, the users will be allowed to work independently with the equipment. A fee system per hour covers all the operating costs including maintenance of the equipment and tools.

Contract research: Only if our time permits it, a staff member is doing the experiment for you. In this case, a second fee system is applied to cover all the operating costs including maintenance of the equipment, tools and staff.

Starting and booking

Above all, the user policy, as well as the fees and contact sheet have to be filled in and signed. No user is authorized to start without lab safety + S2 introduction, and short laser introduction for pavone's users.

First contact: Please write an email with a short description of your project. After that, an appointment will be set for the training (*Monday to Friday between 9am and 1pm*). If your experiment involves cells and/or genetically modified organisms, please send a description in order to fill all the documentation. Without this, no work with cells is allowed.

Booking system: <https://labshake.com/> (invitation to register will be sent). Booking of device is limited to max. 5 hours/day. If more time is needed, please send an email.

Experiment time: Mon- Fri between 9am and 5pm. Please, be aware that core facility staff is available from 9am to 1pm. By signing this document, you agree and respect the General Laboratory regulations of Heidelberg University, see: <https://www.imseam.uni-heidelberg.de/selhuber/facilities/biomechanics/documentspolicies>.

Organization: Please, register to the email list: BIOMECHANICS-IMSEAM@listserv.uni-heidelberg.de; possibility to have door access through service card from the university or chip.

Data

USB hard drives are not allowed (virus danger). Please use Heibox or other clouds.

Publication guidelines

Papers, posters, presentations where a device or support from the Biomechanics CF was used must include an acknowledgment like: "We would like to thank the Soft (bio)materials characterization Core Facility (Biomechanics) at IMSEAM, Heidelberg University." If Biomechanics CF staff is actively involved in the research project, then the Biomechanics CF staff member have to be regarded as co-author in the publication. Furthermore the Core Facility is part of the FI EMS, as such, please add the following acknowledgment and logos: "Funded by the Federal Ministry of Education and Research (BMBF) and the Ministry of Science Baden-Württemberg within the framework of the Excellence Strategy of the Federal and State Governments of Germany".

Logos for Biomechanics and FI EMS can be found on: <https://www.imseam.uni-heidelberg.de/selhuber/facilities/biomechanics/documentspolicies>

Please, inform the Core Facility about the acknowledgements and every publication.

User policy

If the user policy is not followed, the user will be excluded for the Biomechanics CF.

By signing this document, you have read and agreed to the „Rahmennutzungsordnung für Core Facilities an der Universität Heidelberg“.

Date, place

Signature of group leader

Signature of user



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User's contact

Name		University/Institute /Company Name	
Email		Phone	
Invoice address		Kostenstelle/UHD number/VAT number	
		Group Leader Name	
<input type="checkbox"/> Cooperation <input type="checkbox"/> Research contract		<input type="checkbox"/> Internal user (Universität Heidelberg) <input type="checkbox"/> External inland user (Germany) <input type="checkbox"/> public <input type="checkbox"/> private <input type="checkbox"/> External foreign user <input type="checkbox"/> public <input type="checkbox"/> private	

Fees for 2023-2024

Users	Internal user			External inland public	Other external	All external users
				+ Geschuldete Umsatzsteuer	+ Geschuldete Umsatzsteuer + 25%	+Geschuldete Umsatzsteuer +60% + 5%
Type of use	Cooperation		Contract Research	Cooperation		Contract research
	Training cost [€]	Device cost [€/h]	Device cost [€/h]	Training cost [€]	Device cost [€/h]	Device cost [€/h]
Mechanical Test machine 2,5kN Zwicki - Zwick&Roell	20.-	14.-	**	171.-	26.-	81.-
Rheometer 20 - TA Instruments	26.-	17.-	**	176.-	29.-	84.-
Nanoindenter Pavone – Optics11Life *	98.-	20.-	**	500.-	32.-	87.-
Cryoball Mill - Retsch	116.-	39.-	**	417.-	51.-	106.-
Cryotome CryoStar NX50 - Thermo Scientific *	14.-	27.-	**	97.-	39.-	94.-
3D modelling consulting - Inventor AutoCAD	83.-	**	28.-	351.-	**	95.-
Tissue slicer Starrett – Stoelting Co.	Not available for now					
Home-built indentation system, Bareiss DigiTest II	Not available for now					

- *Consumable like probes from pavone, blades from cryotome are ordered and bought by the user and not included in the prices
- The party responsible for damages is liable and will be charged for damages
- Invoices are delivered every calendar quarter
- Equipment can only be used after successful training!
- **Upon further discussion/agreement

Date, place

Signature of group leader

Signature of user