

E_{cr}tD Registration Form

Please keep this form stored accessible for potential changes, i.e. addition or removal of access rights.

User Information

First Name		Last Name	
Institution		Group Leader/ PI	

Project information

Brief project description	
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Safety instruction

I, the user, confirm that I am receiving safety instructions on a yearly basis by my host institution on occupational hazards, lab safety, S1 safety, S2 safety (if applicable) and precautionary measures and prerequisites for alone work.

Through the facility staff, I have received facility-specific safety briefings for the following topics:

Safety domain	Date	User	E _{cr} tD
Electric shock			
Sharps			
Carbogen/ Oxygen			
Protection of sensitive electric equipment			

General rules of usage

The E_{crtd} works digitally wherever possible and highly appreciates receiving digitally signed documents.

Electrophysiological measurements require highly sensitive equipment. Therefore, equipment is fragile and must be treated with diligence. Changes to grounding circuits, either by changing connections or introducing salt bridges, can render recordings impossible. Debugging is mostly intricate and time-consuming, especially when it is unknown what exactly was changed.

The user needs to demonstrate having the capability to adequately execute detailed instructions, working with the required cleanliness standards as well as having the necessary fine motor skills and due diligence for working with the e-phys equipment. Users can be deemed unfit to handle the sensitive equipment. This assessment does not necessitate something to break first.

Forfeiture of previously granted equipment usage rights may occur upon detection of risky malpractice. Preserving or reclaiming rights to operate equipment will be aspired. However, equipment usage rights may be withdrawn permanently if repeated retraining does not prove sufficiently effective. For this assessment, damage or destruction of components is not required to occur.

Having visitors accompany data sampling is prohibited. For justified exceptions, the approval of the facility head must be requested and permission for a fixed period of time and a defined number of visitors can be obtained. Visitors may not interact with any of the equipment.

The user is responsible for setting values specific to their experiment. This includes, amongst others, solution flow rates and temperature. The user cannot assume that these settings remain unchanged from one to the next recording session. The equipment does not hold standard settings and does not need to be re-set to specific settings at the termination of a recording session.

The user is responsible for good data management practice and transferal of data from the recording/analysis computers of the facility to the group's storage. For this purpose, the internal shared folders or OwnCloud or CloudStore shall be used. We highlight again, as in several other places, that OwnCloud and CloudStore are not backed up and only serve transferal purposes. Connecting hard drives (USB-sticks, external hard drives, mobile phones) to the recording or analysis computers of the facility is prohibited. Difficulties in data transferal are to be discussed with facility staff. An only within-facility circulating external hard drive is available for exceptional cases.

Completion of; and adherence to; the Biosafety Form (Attachment 1) and Experimentation Log (Attachment 2) is mandatory for using the facility's devices and services.

Equipment instruction

User-to-user instructions are prohibited. The user must not disassemble any hardware or change any connection. Instructions by facility staff on safety, preparation, usage and cleaning, concluding the user's demonstration to recognize good use practice, enable the user to operate the following equipment:

Equipment	Date	User	E _{crtD}	Revoke date
MEA1060				
CMOS 5000				
Maestro Edge				
Electric MEA stimulation				
Eclipse Ti-E				
Spectra X				
Perfuse rec. chambers				
Vibratome				
Carbogen				
Plasma cleaner/ oxygen				
Digidata				
Patch clamp devices				
Motorized micromanipulators				
Puller				
Micro Forge				
Cell culture hood				
Incubator				

With my signature, I, the user, confirm that I have understood the instructions and had opportunity to clarify open questions. Furthermore, I confirm that I will contact facility staff in case of uncertainties that may arise at a later stage.

Booking system

The booking system for the electrophysiology facility is available under

<https://techpool.biotec.tu-dresden.de/schedule.php?sid=56>

Users are ask to book responsibly and abide by their booked times.

With my signature, I approve that I have read and understood the contents of this registration form and all its accompanied attachments. I have had the opportunity to ask questions and any equivocality was satisfactorily resolved. With my signature, I acknowledge, and confirm that I am going to respect, the contents of this registration form and all its accompanied attachments.

User,

date

User's group head/ PI,

date