

Tissue Embedding and Histology Unit

Conditions and Guidelines

Conditions

A first introduction and training session is mandatory for new users to assure proper handling of the service equipment. Please contact Melanie Nelles from the group of Dr. Catherin Niemann to book your individual introduction and training. More intense practical training (e.g. for the microtome and cryotome) is possible on special demand.

Participation in introduction and training session qualifies for registration (hier der Link zur Registration site) to the TEHU service unit, access to devices and to the online booking system (hier link zu online booking). To improve the service we implemented an online-booking system (link zum online booking) for using the AVTP and PES devices and additionally, the individual microtomes. Furthermore, to promote discussions and help with protocols/methods among the users we will introduce and oversee an online 'protocol and help board'.

Service charge (in Euro €)

| | |
|------------------------------|-------|
| Service | |
| Training | 20,00 |
| Sample preparation per block | 0,50 |

Contact:
Melanie Nelles
Group Dr. Niemann
Room: 1.032
Phone: +49 221 478 89500
Melanie.nelles@uk-koeln.de

Guidelines

Tissue infiltration (AVTP)

Generally, the device will be started every Tuesday and Thursdays at 4 pm.

To register the amount of samples use the following link [Registration TIM](#) until 1.00 pm to allow organizing the operation procedures. Your samples should be brought to room 2.014 on the 2nd floor before 3.00 pm.

For any questions and help with sorting your samples please contact Melanie Nelles (phone: 89500; room 1.032 CMMC building).

Embedding

Following paraffin infiltration you are obliged to embed the tissue the next day. To this end, an introduction for handling the embedding machine is required. It is not recommended to leave your samples in the embedding machine for a long time since this will impact the quality of samples.

You can also arrange with the TEHU service to embed tissue samples. Please contact Melanie Nelles and discuss your special requirements.

Sectioning

To use the Mikrotom or the Cryotom you have to make a [reservation](#). First you have to register. When you are registered send an E-Mail containing the password that you have chosen to Melanie.nelles@uk-koeln.de. If you never worked before on the mikrotom or the cryotom you need training on sectioning. We offer this training for an expense allowance of 20€. If you already worked on the mikrotom or the cryotom you just have to get an introduction.

For both training and introduction you have to make an appointment.

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