

After the Mobility

Table D - Traineeship Certificate by the Receiving Organisation/Enterprise

Name of the trainee: Lídia Éva Gömöri
Name of the Receiving Organisation/Enterprise: i3S - Instituto de Investigação e Inovação em Saúde da Universidade do Porto
Sector of the Receiving Organisation/Enterprise: Neuronal Networks research group
Address of the Receiving Organisation/Enterprise [street, city, country, phone, e-mail address], website: R. Alfredo Allen 208, 4200-135 Porto, Portugal website
Start date and end date of traineeship: from [day/month/year] 19/09/2022 to [day/month/year] 18/11/2022
Traineeship title: Traineeship in research about spinal dorsal horn network architecture and function
Detailed programme of the traineeship period including tasks carried out by the trainee: Learning the daily routine in the electrophysiology laboratory. Preparing solutions (nACSF, intracellular solutions, stocks). Handling of laboratory animals (rats and mice). Making in-vitro spinal cord preparations with attached dorsal roots (both rats and mice). Operation of the patch-clamp setup and carrying out whole-cell recordings with dorsal root stimulation independently. Dorsal root potential recordings in a setup built especially for this purpose. Troubleshooting in every phase of the work. Cleaning and tidying up the setups. Surgeries for viral labelling of primary afferents (AAV injections into sciatic nerve and certain areas of L1-L6 dermatomes). Data acquisition and analysis.
Knowledge, skills (intellectual and practical) and competences acquired (achieved Learning Outcomes): Advanced knowledge of electrophysiological methods and devices. Whole-cell patch-clamp and dorsal root potential recordings in in-vitro spinal cord preparations, including all the required preparatory work. Independent laboratory work. An insight into Portuguese culture and basic knowledge of Portuguese language.
Evaluation of the trainee: The trainee has successfully completed all the proposed tasks of the plan.
Date: 18/11/2022
Name and signature of the Supervisor at the Receiving Organisation/Enterprise: Boris Safronov 