

PhD Scholarship Announcement

The NeurotechEU project office is pleased to promote the following opportunities for doctoral level enrolment in the 2023-2027 study cycle:

1. Prof. Dafin F. Mureşanu - Department of Neurology - **2 positions** with full tuition coverage and a research stipend for the entire duration of studies (up to 4 academic years), covered by UMFIH.
2. Prof. Lăcrămioara Perju-Dumbravă - Department of Neurology - **1 position** with self-financing tuition coverage and reduced attendance for the entire duration of studies (up to 4 academic years).
3. Assoc. prof. Sergiu Şuşman - Department of Histology - **1 position** with full tuition coverage and reduced attendance for the entire duration of studies (up to 4 academic years).

All positions shall be complemented by a NeurotechEU research fellowship, contingent upon admission, employment status of candidate, and an additional preparation phase which will take place starting November 2023.

Applicants meeting [eligibility criteria](#) as specified by UMFIH Admission Rules are welcome to apply. In addition to formal UMFIH application deadlines (enrolment between 04 - 08 September 2023, No. 4, Floor 1, Room 13, Louis Pasteur Street, Doctoral School), the selection committees ask all applicants to submit the following documentation to research@ssnn.ro by September 10th, 2023:

1. Academic CV including information regarding education, relevant professional and scientific accomplishments in Europass format;
2. Full research proposal in the UMFIH [template](#);
3. Confirmation of submission of formal application to UMFIH Doctoral School.

A selection committee will review the scholarship applications based on the following criteria:

- A. Eligibility of application (elimination criterion);
- B. Quality of research proposal, including alignment with the following priority research topics:

research topics:

- **Clinical neuroscience:**
 - Track 1: Operationalizing the concept of brain reserve: developing and piloting a framework for integration of existing and future brain biomarkers into an individual resilience index.

- Track 2: Real-world evidence on efficacy of pharmacological interventions after traumatic brain injury
- Track 3: Mental health outcomes after ischemic stroke.
- **Brain development and neuro-oncogenesis:**
 - Track 4: Stimulating the regeneration of the fetal cerebrospinal fluid via cells that make up the nervous tissue (neuronal and glial lineages) through in vitro and in vivo studies.

Aside from the thesis and other contractual obligations, expectations are that the PhD student should publish a minimum of three papers in impact factor journals pertaining to the outputs from the PhD project. Additionally, it is welcomed for the PhD student to become actively involved in department activities - grant writing, grant implementations, article writing, communicating science, generating innovation.

Based on the submitted applications, the separate selection committees will conduct in-person admission interviews as following:

- September 18th, 2023, at the Department of Neurosciences, 43 Victor Babes Street, Central Building, 1st floor (**tracks 1-3**).
- September 22nd, 2023, at the Department of Morphological Sciences-Histology, 6 Pasteur Street, 1st floor (**track 4**).