



Neuromed Skull Base Lab Fellowship

The Project

Neuromed e Fondazione Asino insieme per la Formazione in Neurochirurgia

The Neuroanatomy Laboratory “G. Cantore” of the I.R.C.C.S. NEUROMED was born in December 2021 and is presented as a space dedicated to training and research activities on cadaver in Neurosurgery.

During the first three years, many “Hands-on” courses focused on skull base pathologies and a course on vascular microsutures have been organized.

After the first year, the training offer was progressively expanded, including other surgical branches.

More information is available on the website:

www.cadaverlab.neuromed.it/

 @cadaverlabneuromed

The ASINO Foundation was born in 2018, with the aim of:

- Create and support an educational program to train young neurosurgeons;
- Financing research projects in the field of Neuroscience and in particular of Neuro Oncology.

Through its own Scientific Committee, made up of prestigious experts in neuroscience, the ASINO Foundation examines and chooses the best projects to finance in the fields indicated above in order to optimize resources, but above all - and this is the fundamental element - to monitor the works and the related results.

More information is available on the website:

<https://www.asinoprofit.it/>

Neuromed Skull Base Lab Fellowship

Overview

Fellowship Coordinators

Dr. Paolo di Russo, Prof. Vincenzo Esposito, Dr.ssa Arianna Fava, Dr. Nicola Gorgoglione, Dr. Giandomenico Petrella

The study of Neuroanatomy represents the base of neurosurgeon’s knowledge.

Particularly, knowing the anatomical details of intracranial structures is an essential starting point for the treatment of tumors and vascular lesions. Therefore, the unique possibility to spend a period of training and research in the Anatomical Lab is a paramount opportunity for neurosurgeons.

The **Neuroanatomy Laboratory “G. Cantore” of I.R.C.C.S. NEUROMED** was founded in december 2021 as an open space dedicated to training and research on anatomical specimens in Neurosurgery. Among the first three years, several courses have been organized focused on skull base approaches, basic techniques and microvascular sutures.
More info at www.neuromed.it/cadaverlab/.

Activities and Objectives

Fellowship program includes Lab activity focused on skull base and vascular neuroanatomy study and common and complex approaches comprehension.

Fellows will have at their disposal assigned specimens and all the instruments present in the Lab. During the fellowship, anatomical and surgical lessons are provided by the Lab Coordinators. In addition, lessons will be carried out by Neurosurgeons experts in Neuroanatomy and Skull Base Surgery who collaborate with our Laboratory. Fellows are welcome to attend the weekly Clinical Meeting (every Wednesday morning) and the Tumor Board (monthly), at the Neuromed Institute (Via Atinense, 18, 86077, Pozzilli, IS – 3rd floor, new building).

During Fellowship period, Fellows’ activities will be verified monthly. The length of daily and weekly activity is personal and has no precise limit of hours. The laboratory is open 24/7.

The Fellow is in charge of maintaining the order in the Lab and cleaning the workstations and surgical tools. At the end of each dissection, the table and the instruments must be cleaned and rearranged and it is necessary to check that the microscopes, drills, surgical lamps, suction, navigator, endoscope are switched off. The Laboratory is sanitized daily by the Neuromed service staff.

The Fellow is also in charge of the proper storage of the photos and videos on the Laboratory Computer. Multimedia files will be essential for research purposes and for lessons. The Fellow is also responsible for updating the specimen archive (excel file present in the Laboratory Computer). Fellows will be able to participate as observer during open or endoscopic skull base surgery procedures performed at the Neuromed Institute Hospital.

During the year, about six “Skull Base” and “Microvascular Anastomoses” courses are regularly held in the Anatomy Laboratory with participants and faculty from Italy and abroad. The Fellows will be able to participate, depending on the experience achieved, as tutors during the Courses.

Positions: 2 (1 italian, 1 international)

Length: 6 months

Fellowship Period:

January – June

July – December

Location:

Neuroanatomy Laboratory “G. Cantore” – Technology Park, I.R.C.C.S. Neuromed, Via dell’Elettronica, 86077, Pozzilli (IS).

Requirements: residents in Neurosurgery attending the 4th or 5th year and Neurosurgeons aged <40 years can apply for the Fellowship. A research project, to be discussed with the Fellowship Coordinators, is required before the start. The selection will be made on the basis of the Curriculum Vitae and a video interview that will be carried out with at least 2 members among the Fellowship Coordinators. You must attach a Letter of Recommendation from a Senior Neurosurgeon. It is advisable to attend 1-2 Skull Base Hands-on courses prior to the Fellowship. Knowledge of English is required.

Contacts: cadaverlab@neuromed.it

Costs and Services

The Fellowship application is unfounded and does not include costs. Based on availability, the Fellow will be able to apply for specific Research Grants intended for our Laboratory by Foundations.

The activity will be carried out on specimens already present in the Laboratory.

For Fellows wishing to have their own new specimen, the cost is around 2000 euros.

Personal damage insurance is of financial responsibility of the Fellow.

Upon request, special arrangements are available for accommodation at a local Hotel. In general, it is advisable to stay at a distance of no more than 30 km from the Laboratory.

Inside the laboratory there are lockers and uniforms. It is mandatory to wear an operating room uniform and sandals during the Lab activity. It is important to wear the identification badge in common areas.

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Application Form

The research fellowship includes laboratory activity focused on the study of neuro-vascular anatomy of the skull base and understanding common and complex surgical approaches.

It is necessary to fill in the Application Form and read the Fellowship Overview. The selection process also includes a video interview or face-to-face meeting.

The form must be sent to the email address: cavaderlab@neuromed.it

First name	Last name
Date of Birth	City/Country
e-mail address	Cell phone/WhatsApp
Department/University of Affiliation	

Period of the application:

- January - June
- July - December

- Provision of a personal salary SI NO
- Interest to apply to A.S.I.N.O Foundation Grant SI NO
- Interest to Hotel Accommodation SI NO
- Interest to new personal SI Specimen NO
- Read and understood "Fellowship SI Overview" NO

Emergency Contact:

Name (First, Last)	Cell phone number /WhatsApp / e-mail
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The fellow accepts that once admitted to the program he will have to independently procure temporary insurance that protects him from personal damage during the laboratory activity. A copy of the policy must be sent to our offices (cavaderlab@neuromed.it) before the start of the Fellowship. For those interested, Neuromed Institute offers an agreement with an insurance company.

Signature	Date	City
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It is certified that the Fellow will not have direct clinical relationships with the patients of the I.R.C.C.S. Neuromed.

The Fellow's activity will take place within the Neuroanatomy Laboratory "G. Cantore".

Signature of Lab Coordinator	
Date	City

Attachments:

- Personal Identification Document/Passport
- VISA (if required)
- Certification of Residency Program Attendance/Board Certification of Neurosurgery
- Certification of English Proficiency
- Research Project Proposal
- Letter of Recommendation


I.R.C.C.S. NEUROMED



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 [@cadaverlabneuromed](#)



www.neuromed.it



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