

Program of BIP course „Functional Neuroanatomy“

3 ECTS

ABOUT BIP. Neuroanatomy plays a crucial role in the health science curriculum by preparing students to understand the anatomical basis of neurology. Imaging the nervous system, in both the clinical and research setting, helps us to identify its basic structure and connections. And when the nerve system becomes damaged by disease or trauma, imaging localizes the extent of the injury. Clinical neuroscience has become even more dependent on localization of function for treatment of disease. This approach clearly requires that the clinical team have a greater knowledge of functional neuroanatomy to design and carry out this task.

Dissection of cadavers and preparation of separate parts of the body is the basic method used for cognition and study of the human body structure, including study of the nervous system. Only dissecting and preparing a body, student finds location of organs, studies topographic relations of organs, can examine them from all sides, feel their surfaces, evaluate, and compare individual features, can develop conception about the norm and variations.

In the process of preparation, skills of individual and teamwork are developed as well as accuracy and respect for the decedent. Understanding that the students already have the fundamentals of neuroanatomy, they deepen their knowledge and develop conception about the integrity of a nerve system and give a sense to sustained neuroanatomical knowledge.

Therefore, the aim of this course is to get to know the human body in general and nerve system structures, their position, and correlations.

Target students

Medical students.

Coordinating institution

Lithuanian University of Health Sciences (Kaunas, Lithuania)

Organization of the BIP

- The *BIP* will be organized in a blended learning format – including an on-line and on-site sessions.
- Registration must be completed before **April 30, 2023**.
- The On-line session will be delivered in a MS Teams environment on June 19-23, 2023.

- The On-site session will be organized and provided at the Lithuanian University of Health Sciences on June 12-16, 2023.

A 10-point system will be used to evaluate the preparedness and participation in the learning sessions. It will be a great opportunity to work with your colleagues from other countries, to share your experience and gain knowledge.

Registration form: <https://forms.office.com/e/MTctnrjHu4>

Schedules for on-line and on-site sessions

On-site session (June 12-16, 2023)

Day	Time (EET)	Auditorium	Type	Topic
Monday <i>(June 12)</i>	9:00-9:45	121 auditorium	Seminar	Opening of BIP 2023. Introduction to the course, course outline.
	10:00-13:00	Dissection room	Practice	Dissection of the spinal cord, roots and rami of spinal nerves, dorsal root ganglia, cauda equina.
	13:00-15:00	Erasmus+ room		Welcome lunch: Get together!
Tuesday <i>(June 13)</i>	9:00-12:00	Dissection room	Practice	Dissection of the cervical plexus and main its nerves.
	12:00-13:00	Erasmus+ room		Lunch
	13:00-14:00			Mortui Vivos Docent – visit to LSMU Museum of Anatomy, where a valuable collection of anatomical preparations is displayed.
Wednesday <i>(June 14)</i>	9:00-12:00	Dissection room	Practice	Dissection of the brachial plexus and main its nerves.
	12:00-13:00	Erasmus+ room		Lunch
	13:00-15:00			Kaunas full of adventures. Discover city in a guided tour (optional).
Thursday <i>(June 15)</i>	9:00-12:00	Dissection room	Practice	Dissection of the lumbar plexus and main its nerves.
	12:00-13:00	Erasmus+ room		Lunch
Friday <i>(June 16)</i>	9:00-12:00	Dissection room	Practice	Dissection of the sacral plexus and main its nerves.
	12:00-15:00	Erasmus+ room		Workshop: feedback analysis is the easiest way to improve in the future. Reflection & collection of the BIP participants' opinions.

On-line session (June 19-23, 2023)

Day	Time (EET)	Auditorium	Type	Topic
Monday (June 19)	9:00-12:00	Virtual auditorium	Seminar	Structural and functional organization of nervous system. Functional neuroanatomy of spinal cord, spinal nerves, their radices and branches, spinal reflexes, segmental and peripheral innervation
Tuesday (June 20)	9:00-12:00	Virtual auditorium	Seminar	Cervical plexus: functional neuroanatomy and clinical aspects of its nerve lesions
Wednesday (June 21)	9:00-12:00	Virtual auditorium	Seminar	Brachial plexus: functional neuroanatomy and clinical aspects of its nerve lesions
Thursday (June 22)	9:00-12:00	Virtual auditorium	Seminar	Lumbar plexus: functional neuroanatomy and clinical aspects of its nerve lesions
Friday (June 23)	9:00-12:00	Virtual auditorium	Seminar	Sacral plexus: functional neuroanatomy and clinical aspects of its nerve lesions

Accommodation

Hotels and apartments that we recommend to book are here:

- "Zaliakalnio terasos apartamentai" address: Savanorių pr. 276 393, 50201 Kaunas, Lithuania;
- "Kaunas City" address: Laisvės al. 90, LT-44251 Kaunas, Lithuania;
- "LoveKaunas Apartments" address: A. Mickevičiaus st. 39, 44244 Kaunas, Lithuania;
- "Villa Kaunensis" address: Rotušės aikštė 21, LT-44279 Kaunas, Lithuania;
- "House 22A Studio Apartments" address: Šv. Gertrūdos st. 22A, 44260 Kaunas, Lithuania;
- "Moja Accommodation" address: Gedimino st. 28, LT-44319 Kaunas, Lithuania;
- "Happy Inn" address: Vytauto avenue 21, LT-44352 Kaunas, Lithuania;
- "Oak house apartments" address: Aušros st. 31, 44157 Kaunas, Lithuania.

All these hotels, condo hotels and more, can be found at <https://www.booking.com/>

Contacts

Any questions related to academic matters of the BIP should be addressed to

prof. Neringa Paužienė,

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General questions like accommodation, contracts, etc. should be addressed to the [International Programme Coordinator](#)

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