

Call ERASMUS+

Blended Intensive Program on RARE NEUROGENETIC DISEASES

HERAKLION - CRETE - GREECE
SKOVDE - SWEDEN
SOFIA - BULGARIA
ROUEN - FRANCE
OVIEDO - SPAIN
COIMBRA - PORTUGAL

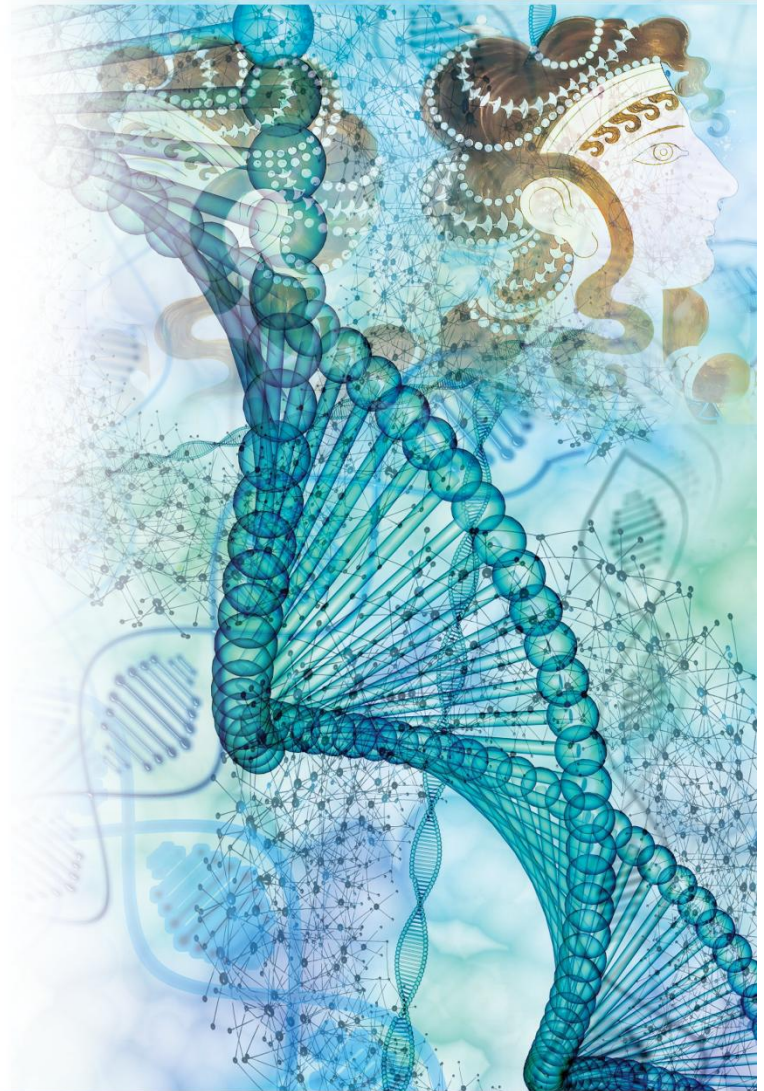
For Medical Students
(4th - 6th year), 4 ECTS

Online Component
April - June 2026

Academic Coordinator
Ioannis Zaganas
Associate Professor of Neurology

Info: bip_neurogenetics@med.uoc.gr

In Campus
April 20-24, 2026
Heraklion, Crete, Greece



BIP on Rare Neurogenetic Diseases

Tentative Lecture Program for the physical component (Medical School, University of Crete)

Date	Title	Presenter
Monday April 20th		
9:00-10:00	Introduction to the physical component	I. Zaganas (Crete)
10:00-11:00	Introduction to basic concepts in neurogenetics	M. Drakos (Crete)
<u>11:00-11:30</u>	<u>Coffee break</u>	-
11:30-12:30	Genetics of neurodevelopmental disorders	F. Lecoquierre (Rouen)
12:30-13:30 (zoom)	Genetic testing in neurogenetic diseases	V. Matínez (Oviedo, online)
<u>13:30-14:30</u>	<u>Lunch Break</u>	-
14:30-15:30	Research approach and biological models in neuroscience	J. Malva (Coimbra)
<u>20:00-...</u>	<u>Welcome Dinner at a traditional restaurant in Heraklion</u>	<u>All (Faculty / students)</u>
Tuesday April 21st		
<u>09:00-12:00</u>	<u>Visit to facilities</u>	-
12:00-13:00	Metabolic Disorders	O. Grafakou (Cyprus, online)
<u>13:00-14:00</u>	<u>Lunch Break</u>	-
14:00-15:00	Genetics of epilepsy	P. Vorgia (Crete)
Wednesday April 22nd		
09:00-10:00	Genetics of rare dementias	I. Zaganas (Crete)
10:00-11:00	Inherited ataxias and hereditary spastic paraplegias	G. Koutsis (Athens, online)
<u>11:00-13:00</u>	<u>Visit to facilities</u>	
<u>13:00-14:00</u>	<u>Lunch Break</u>	
Thursday April 23rd		
09:00-10:00	Myosin myopathies	H. Tajsharghi (Skovde)
10:00-11:00	Neuromuscular diseases as rare neurogenetic disease.	G. Morís (Oviedo)
<u>11:00-11:15</u>	<u>Coffee break</u>	
11:15-12:15	Historical Aspects	G. Tsoukalas (Crete)
<u>12:15-.....</u>	<u>Bagged lunch / Excursion to Spinalonga / Dinner at or near Agios Nikolaos</u>	<u>All (Faculty / students)</u>
Friday April 24th		
09:00-10:00	Molecular and genetic basis of hereditary neuropathies	K. Pitarokili (Bochum)
10:00-11:00	Molecular and genetic basis of muscle and neuromuscular junction disorders	G. Papadimas (Athens, online)
11:00-12:00	Targeted treatment approaches in neurogenetics	S. Xirou (Athens, online)
12:00-13:00	Mitochondrial Disorders	V. Siokas (Larissa)

13:00-13:30	Final test presentation, evaluation, farewell	I. Zaganas (Crete)
--------------------	--	---------------------------

Visit to facilities (9:00-11:00 on Tuesday, Wednesday)

Place	Contact person
Visit to infusion center for administration of treatments	I. Zaganas
Visit to electrophysiology laboratory	S. Erimaki
Museum of Medicine	I. Tsiaousis
Nuclear Medicine (PET Scanner)	S. Koukouraki
Visit to research labs (FORTH)	N. Tavernarakis

Lecture Program for the online component (Zoom, Mondays, 6:00–8:00 pm Greek time)

Dates: April 13, 27; May 4, 11, 18, 25

Date	Time (Crete)	Title	Presenter
April 13th	4-6 PM	Introduction to the program and to rare neurogenetic diseases	I. Zaganas (Crete)
April 20th–24th		Physical component	
April 27th	4-5 PM 5-6 PM	Refining Huntington's disease pathogenesis Presentations based on experiences from the BIP	C. Rego (Coimbra) Students from Oviedo
May 4th	4-5 PM 5-6 PM	Genetics in cerebrovascular diseases Presentations based on experiences from the BIP	S. Calleja (Oviedo) Students from Crete
May 11th	4-5 PM 5-6 PM	Genetics of Alzheimer's disease Presentations based on experiences from the BIP	G. Nicolas (Rouen) Students from Rouen
May 18th	4-5 PM 5-6 PM	Rare neurogenic cancers Presentations based on experiences from the BIP	K. Ejeskär (Skovde) Students from Skovde
May 25th	4-5 PM 5-6 PM	The use of iPSCs in advancing cell therapy in Neurogenetic Diseases Closing remarks	H. Latsoudis (Crete) I. Zaganas (Crete)

Zoom link: <https://us02web.zoom.us/j/83881946098?pwd=GbnkQm9e7xm3EwUwRUyC0dzl28bsUI.1>

Meeting ID: 838 8194 6098

Passcode: 058200

Faculty

University of Crete, Greece

Drakos Minas, PhD Candidate

Koukouraki Sophia, Professor of Nuclear Medicine

Latsoudis Helen, Laboratory of Human Hematopoiesis / ICS, FORTH

Mathioudakis Lambros, PostDoc Fellow

Tavernarakis Nektarios

Tsiaousis Ioannis, Professor of Anatomy, Director of Museum of Medicine

Tsoukalas Grigorios, Professor of History of Medicine

Vorgia Pelagia, Associate Professor of Pediatric Neurology

Zaganas Ioannis, Associate Professor of Neurology

Zampetakis Alexandros, PhD Candidate

University of Athens, Greece

Papadimas Georgios, Associate Professor of Neurology

Xirou Sofia, Neurologist

Koutsis Georgios, Associate Professor of Neurology/Neurogenetics

University of Thessaly, Greece

Vasileios Siokas, Assistant Professor of Neurology

University of Coimbra, Portugal

Malva João, Institute of Pharmacology and Experimental Therapeutics (Director)

Rego Ana Cristina, Professor

University of Oviedo, Spain

Arguelles Juan, Professor

Morís de la Tassa Germán, Professor

Martínez Álvarez Victoria, Genetisist

Calleja Puerta Sergio, Neurologist

University of Rouen, France

Lecoquierre François, Assistant Professor of Genetics

Nicolas Gael, Professor of Genetics

University of Skövde, Sweden

Ejeskär Katarina, Professor in Biomedicine

Tajsharghi Homa, Professor of Biomedicine

Archbishop Makarios III Hospital, Nicosia, Cyprus

Grafakou Olga, Clinical Genetics and Inborn Errors of Metabolism Specialist

Ruhr University, Bochum, Germany

Pitarokili Kalliopi, Consultant Neurologist / University of Crete, Associate

Professor of Neurology elect

Information about the University of Crete and traveling/living in Crete:

<https://welcome.uoc.gr/>

https://welcome.uoc.gr/visiting_guide/

<https://welcome.uoc.gr/living-in-crete/>

<https://welcome.uoc.gr/student-life/>

Meals:

- participants will be offered lunch at the Medical School cafeteria each day
- we will be providing snacks and refreshments throughout the BIP program
- there will be a welcome dinner on day 1 in a traditional Cretan restaurant and a dinner at/or near Agios Nikolaos following the excursion to Spinalonga and visit to Areti Monastery