



Co-funded by  
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# STUDENT AGREEMENT

Human Diseases Models  
Morphological Phenotyping  
(MorphoPHEN)

2024 - 2025 cohort

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## 0. PREAMBLE

- I. The Agreement is made with reference to the Erasmus Mundus Joint Master “Human Disease Models Morphological Phenotyping” (henceforth MorphoPHEN), funded by the European Commission under the Erasmus Mundus Action and regulated by the Consortium Agreement between the Universitat Autònoma de Barcelona (UAB), the Università degli Studi di Napoli Federico II (UNINA), the Aristotle University of Thessaloniki (AUPH) and the Universidade de Lisboa (ULisboa).
- II. The Agreement defines joint course implementation rules and mechanisms as well as the mutual rights, obligations and responsibilities of the Student and the Consortium.
- III. The Student declares that they fulfil all the requirements which are necessary to be enrolled in the MorphoPHEN program, in particular that they hold a degree in any of the following fields: Biochemistry, Biotechnology, Veterinary, Pharmacy, Medicine and a recognized language certificate.
- IV. The Student commits themselves to behaving in an ethical manner throughout the program. They will commit no fraudulent act, avoiding in particular cheating, falsification or plagiarism of any academic work. They will not abuse or misuse any equipment or installations and will not perform any unauthorized access or violation of any institutional, departmental or university rules. Failure to comply may cause the Student to be disqualified from the program.
- V. The Consortium engages to provide the Student with high standards of tuition, supervision, assessment and support services, as required by the EACEA. Relevant information on the rationale, structure and organization of the MorphoPHEN program are published on MorphoPHEN website.

# 1. ACADEMIC ASPECTS

1.1. MorphoPHEN offers a high-quality, integrated program jointly designed and implemented by the Consortium and has duration of one (1) academic year: from 18/09/2023 to 18/09/2024. The Student shall attend the MorphoPHEN program (see below) on a full time basis:

Semester 1 – September 2023	
<b>Module 1. Mouse Anatomy and Pathobiology</b> UAB (10 ECTS)	<b>Module 2. Mouse Imaging</b> UNINA (20 ECTS)
<ul style="list-style-type: none"> <li>- Mouse status in biomedicine</li> <li>- Standardized nomenclature for mice</li> <li>- Anatomical and histological methods</li> <li>- Mouse embryology and placenta</li> <li>- Gross anatomy and topography in mouse</li> <li>- Histology of mouse organs</li> <li>- Ultrastructure of mouse tissues</li> <li>- Ontological approach to mouse morphology</li> <li>- Introduction to general mouse pathology</li> <li>- Mouse necropsy</li> <li>- Pathology of the major organ systems</li> <li>- Optional language ( Catalan)</li> </ul>	<ul style="list-style-type: none"> <li>- Mouse handling, care, and anaesthesia</li> <li>- Imaging using ionizing radiation (X-ray, CT, SPECT, PET)</li> <li>- Imaging using non-ionizing radiation (MRI, FMT, NIR, HFUS, PAI)</li> <li>- Hybrid imaging (PET/CT, PET/MR, US/PAI)</li> <li>- Applications: cell trafficking and cell tissue homing, angiogenesis, hypoxia, apoptosis, and inflammation</li> <li>- Anatomical bases of mouse imaging</li> <li>- Optional language course (Italian)</li> </ul>
Semester 2 – January 2024	
<b>Module 3. Deep learning and Experimental Design</b> AUTH (20 ECTS)	<b>Module 4. Master’s Degree Dissertation</b> ULisboa – UAB – UNINA – AUTH (10 ECTS)
<ul style="list-style-type: none"> <li>- Introduction to deep and machine learning</li> <li>- Classifiers and metrics for evaluation</li> <li>- Supervised and unsupervised algorithms</li> <li>- Convolutional neural and recurrent networks</li> <li>- Methodologies for 1D and 2D signals: sliding windows, super-pixels, streaming data and whole pictures transformation</li> <li>- Methodologies for conducting deep learning experiments</li> <li>- Experimental design with mouse: quantitative comparison, ARRIVE and 3Rs</li> <li>- Optional language course (Greek) y 3Rs</li> </ul>	<ul style="list-style-type: none"> <li>- Internship on anatomy, pathology, or deep learning applied to the morphological phenotyping of human diseases mouse models</li> </ul>

1.2. For each module/period the Student will receive:

- Detailed information on program content and structure (incl. practical information);
- Academic guidance and counselling;
- Access to the partner institutions’ libraries, internet services, social services, sports facilities;
- Administrative assistance (for registration, visa requirements etc.);
- Insurance cover for the full duration of the course, managed by the coordinating institution;

- 1.3. The Student engages to pass all the assessments (exams, assignments, reports etc.), and complete a total of 60 ECTS. They shall also contribute to the course requirements (surveys, interviews etc.). Failure to comply with these requirements may cause the Student to be disqualified from the program.
- 1.4. The main language of instruction will be English. Language course in Catalan will be offer during the first semester.
- 1.5. The Master’s Degree Dissertation can be done in one of the MorphoPHEN Associated Partners facilities or in other institutions after validation by the Management Board. The Student will be free to choose the destination, within the limits of available places, and will be assigned supervisor at the host organization. At the end of the internship, the Student will be assessed by on the basis of a report on their individual experience.
- 1.6. The Students’ performance will be assessed throughout the course, on the basis of oral and written exams, as well as of the written reports. All assessments will be graded according to the following national grading scale:

ECTS	Definition	SPAIN	ITALY	GREECE	PORTUGAL
A	Excellent	9,0 - 10,0	29 - 30 cum laude	8,5 - 10	17,5-20,0
B	Very Good	8,0 - 8,9	27 - 28,99	6,5- 8,49	15,5-17,4
C	Good	7,0 - 7,9	24 - 26,99	6 - 6,49	13,5-15,4
D	Satisfactory	6,0 - 6,9	19 - 23,99		11,5-13,4
E	Sufficient	5,0 - 5,9	18 - 19		9,5-11,4
F	Fail	0,0 - 4,9	0 - 17,99	<6	0,0-9,4

The final grade, stated in ECTS-scale, is the cumulative grade point average of the MorphoPHEN program.

- 1.7. The scholarship can be suspended if the Management Board has reasons to believe that the Student is not meeting the expectations. If the Student temporarily leaves the EMJM course following duly justified and well documented reasons (such as medical reasons and/or serious family reasons, e.g. a need to temporarily take care of a family member or hospitalization/death of a family member), the scholarship payment will be interrupted until the Student is again physically present and can actively continue pursuing the course activities. If the Student is not able to finish the course activities due to the above-mentioned reasons, the MorphoPHEN Consortium will seek acceptable ways to allow the Student to finish the Master during one of the following intakes.
- 1.8. Students who fail in any of the taught study-units (below E) shall be allowed up to one attempt at re-assessment. The re-assessment shall be held at the next scheduled examination session. If successful on re-assessment, the grade to be awarded shall follow the university local rules that regulate examinations.

- 1.9. If the Student fails the exam again, Examination and Thesis Committee will decide on a case-by-case basis whether they can obtain the diploma. If this is not the case, the student will have to abandon the program.
- 1.10. The Student must deliver the assignments on time. Local regulations will apply in each case.
- 1.11. The deadline to submit the Master Dissertation is by 01/09/2024, and its defense during the first week of September.
- 1.12. Upon successful completion of the required 60 ECTS, the Student will receive a degree certificate in the Joint European Masters' Program in "Human Diseases Models Morphological Phenotyping" along with a Diploma Supplement with the master curriculum.
- 1.13. Right to strike  
Local laws will be applied. Students strike: Students have the right to assist or not to class. No evaluation can be done this day. General/professors strike: Professors have the right to do or not the class. In case of professor follows strike, they may reschedule the class but this is not mandatory.
- 1.14. Rights of the Student  
The Student will benefit from a masters' program and a service offered in accordance with what has been announced in promotional documents and by the consortium. They will notably have the following rights:
- a. Equality. Every student enrolled in the masters' program is entitled to:
    - be treated and served by the consortium in the same way as home students, irrespective of gender, ethnic background, religion or other belief, sexual orientation, or disability.
    - be considered as an equal partner in the masters' program.
    - appeal against any act he/she would consider as discriminatory. In this case, they may appeal to the Coordinator of the program.
  - b. Administrative and Academic Issues. The Student has the right to:
    - be informed on the masters' program in a transparent manner, and therefore to be provided with all relevant and exhaustive information, particularly regarding admission requirements and criteria, prerequisites, course content, learning outcomes, and degree award.
    - benefit from an appropriate counselling, both before and during the masters' program.
    - have an easy access to adequate services and means of support in order to complete the program.
  - c. Student Participation and Involvement. All students have the right to:
    - take an active part in the running of the masters' program by being engaged with the course evaluation through anonymous surveys which occur at the end of each module.
    - organize themselves in legally recognized entities such as Students Board or Alumni Associations.

d. Privacy and General Data Protection Regulation (GDPR).

This Student Agreement outlines the principles and procedures regarding the General Data Protection Regulation (GDPR) and the sharing of academic transcripts of records and academic information between partner universities and the coordinating university for academic purposes. The participating universities recognize the importance of protecting students' personal data while facilitating the exchange of academic information necessary for educational collaborations. Under the GDPR framework, all parties are committed to ensuring the lawful, fair, and transparent processing of personal data. The academic transcripts and related information will be shared securely and solely for academic purposes, such as enrollment, credit transfer, and academic advising. Any personal data shared will be limited to what is necessary for the specific purpose and will be handled in compliance with relevant data protection regulations.

The universities will take appropriate technical and organizational measures to safeguard the confidentiality, integrity, and availability of the data. Furthermore, all parties will ensure that students are provided with clear information regarding the processing of their personal data, their rights as data subjects, and the mechanisms available for addressing any concerns or requests related to their data. By agreeing to this Student Agreement, students acknowledge and consent to the sharing of their academic information within the scope defined herein, in accordance with GDPR and applicable data protection laws.

e. The Universities will not share any data nor digital information (such as e-mail) with 3rd parties without prior consultation with the student.

1.15. Available mechanisms for protection of student's rights channels to address students' rights:

- EACEA: EACEA-EPLUS-EMJMD@ec.europa.eu
- Coordinator of the program: Jesús Ruberte París, [jesus.ruberte@uab.es](mailto:jesus.ruberte@uab.es)
- UAB Ombudsman: [sindic@uab.cat](mailto:sindic@uab.cat)

1.16. Health Insurance

During all the duration of the MorphoPHEN program, a medical insurance coverage will be offered to the Student, at no extra cost according to the EACEA insurance requirements.

The insurance includes all worldwide travel required for the participation in the EMJM. The coverage includes extra costs for essential medical and dental care, cover in the event of death, accidental injury resulting in medical disability, third party liability cover, theft and loss of identification documents and travel tickets, disruption, etc.

Moreover, the Student will have access to medical services on the campuses of host institutions, in the same way as regular students. Prior to the beginning of the course, details of the medical insurance, as well as the contract for each student, will be sent by the MorphoPHEN Consortium.

The insurance will be in force throughout the world and will be valid from 01/09/2024 to 01/11/2025.

The Coordinating Institution and the participating Universities are exonerated from any responsibility for accidents, illnesses, injuries, losses or damages to persons or goods resulting

from or in any way related to the activities that are the object of the present Agreement. The Student is obligated to accept the necessary insurance related to the activities for the full duration of the study period.

1.17. Covid-19 implications

The Covid-19 pandemic may have implications on the development of the program. If so, students will be able to follow the program on-line through the Virtual Learning Environment and join the program face to face once COVID-19 travel restrictions are lifted. The Master's Degree Dissertation activities can also be developed remotely, if needed.

1.18. Enrolment procedures

The enrolment to MorphoPHEN will be made at UAB. Students will be at UAB and UNINA during the first semester; and at AUTH, as well as in any of the partners during the Master's Internship during the second semester. Students must follow the guidelines sent by the consortium universities regarding the enrollment procedures in each institution. Students will be enrolled on semester basis following this track:

- Semester I: UAB 10 ECTS, and UNINA 20 ECTS
- Semester II: AUTH 20 ECTS, and Master's Degree Dissertation 10 ECTS at the respective centers



## 2. ADMINISTRATIVE, ORGANIZATIONAL AND FINANCIAL ASPECTS

### 2.1 Administrative aspects: VISA and PERMIT OF STAY

Entry in Europe through Spain:

#### 2.1.1. EU, EEA and Swiss Citizens

If the Student come from a country belonging to the European Union, the European Economic Area or Switzerland, they do not need a visa to enter in Spain.

#### 2.1.2. Citizens from outside the EU/EEA

If the Student come from a different country than those mentioned, they need to obtain a Visa before their arrival in Spain. The visa request must be submitted to the closest Spanish diplomatic representative (embassy, consulate, etc.). The type of Visa needed is a student visa at the Spanish Embassy in the home country. Even though the stay in UAB will be less than 6 months, it is needed to apply for an OPEN visa for studies (type D) in order to get a student residence card in Spain (TIE). This is very important to avoid problems during the European Mobility program.

This type of visa (Visado D Estudios, Investigación) is valid for three months to enter the Schengen Area. Once they have entered Spain must obtain the Student Residence Card for Foreigners (TIE) in order to remain legally in Spain. They have a maximum of 30 days after entering the European Union to begin the process of applying for the student residence card (TIE).

The International Support Service office (UAB) will provide students with the necessary assistance during this process. Please, contact the Spanish Embassy in the home country to get more information about the visa application process. More information can also be request at the following email address: [programes.conjunts.internacionals@uab.cat](mailto:programes.conjunts.internacionals@uab.cat)

### 2.2 Organizational aspects: UNIVERSITIES INFORMATION

#### 2.2.1. Universitat Autònoma de Barcelona – UAB

## **UAB** Universitat Autònoma de Barcelona

The history of the UAB begins on 6 June 1968, when the decree on the creation of the Universitat Autònoma de Barcelona (UAB) is officially promulgated. Teaching activities at the UAB began in October 1968. Since its first years, the UAB strived to set the foundations for a university model based on the respect for the basic principles of autonomy, participation and social commitment. This model unfortunately did not receive support from the then authoritarian dictatorship of Francisco Franco, who in 1973 suspended the university's statutes and relieved the rector of his position. Nevertheless, the convictions with which the UAB began to take its first steps explain the drafting of the Bellaterra Manifest in 1975, the first document to vindicate an autonomous, democratic, and socially responsible university. During the 1990s, the UAB completed its development and transformation into a campus university. In 1992, the UAB inaugurated the Vila Universitària and in 1996, the university inaugurated a series of areas and services at the new Plaça Cívica, making it the centre of the cultural and social life of the university.

Regarding the process of adaptation to the European Higher Education Area, the UAB decided from the beginning to take on a process of convergence as an opportunity for the internationalization of the university, thanks to the creation of competitive, high quality academic programmes which promote the

mobility of students. The decision to internationalize the UAB was made even more visible with the creation in 2007 of the International Welcome Point.

Though still about 50 years old, the UAB has already consolidated itself amongst the 200 best universities in the world within the main university rankings and is located within the top 10 new universities with greatest international projection and prestige.

In recent years, the UAB has seen recognition for its efforts in promoting quality in teaching, in attracting international talent and in obtaining a growing impact in research, together with a progressive improvement in its classifications in the most prestigious and influential international rankings. Thus, the UAB is well as occupying an outstanding position among Spanish universities in world rankings such as the QS World University Rankings (QS WUR), the Times Higher Education World University Rankings (THE WUR) and the Academic Ranking of World Universities (ARWU).

### 2.2.2. Università degli Studi di Napoli Federico II – UNINA



The University of Naples Federico II is the oldest public university in the world. With about 80.000 students UNINA is the largest University in the southern Italy and offers 157 courses in 13 teaching areas. It occupies the position 392 in the QS World University Rankings. The University of Naples Federico II has over 260 agreements with foreign universities, and the internationalization policies are increasingly expanding. As a consequence, several international Masters, including ERASMUS MUNDUS JOINT MASTERS are already in place: Biosciences and Bioengineering Innovations for Precision Medicine (BeinPM), FRP++: European Master in Advanced Structural Analysis and Design using Composite. Management of EUROpean Patients with Complex Calcified Coronary artery disease and Critical hemodynamic Conditions (EURO-4C), Sustainable Ship and Shipping 4.0. Since 2009, UNINA has built up a project co-financed by the European Union, Federica Web Learning, a digital space for Innovation, Experimentation and Diffusion of Multimedia Learning Federica.

Federica (<https://www.federica.eu/en/all-moocs/>) is a leading platform in Europe for open access multimedia education, and in the world's top ten for the production of Massive Open Online Courses (MOOCs), that are revolutionizing university education. The platform, with more than 10 million contacts and more than 100 on-line courses, hold by Professors of the UNINA and from other Italian Universities and Educational Institutes, and open to everyone.

### 2.2.3. Aristotle University of Thessaloniki – AUTH



The Aristotle University of Thessaloniki (Aristotelio Panepistimio Thessalonikis) was founded in 1925. Today it is the largest Higher Education Institution in Greece and Southeastern Europe, with 13 faculties and a total of 42 departments and 4 independent Schools. Most of its academic personnel have been trained in reputable Universities in Europe, the United States and as far afield as Australia and Japan. The University has been actively participating in the Erasmus Programme since 1987, accounting approximately one fourth of the total Erasmus mobility in Greece in the frame of Student for Studies Mobilities as well as Staff for Teaching Mobilities. An example of Erasmus Mundus Master Course at AUTH is the: European Literacy Cultures at <https://cle2.unibo.it/>

About 73,930 students study at the AUTH (65,026 in undergraduate programmes and 8,472 in postgraduate programmes, of which 3,952 at doctoral level). There are 2,024 faculty members. There are also 11 teaching assistants, 58 research fellows, 248 members of the Special Laboratory Teaching Personnel (S.L.T.P.), 69 of whom belong to category I and 179 to category II, as well as 15 foreign language teachers and 4 foreign instructors. The administration office consists of 400 permanent employees and 528 employees under a private law contract of indefinite duration. Moreover, 596 people employed by third parties provide services at the university.

During the past three years, 985 researchers – distinguished scientists – have provided educational and research services in collaboration with a total of 7,263 external scientific associates for the implementation of 3,151 International, European and National Research and Technological Development (RTD) projects. 1,436 of these partners were universities, research centers and organizations, while 405 were companies. AUTH was evaluated with "Worthy of Merit" (the highest grade in a four grade scale), having received in the individual sections 11 "Worthy of Merit" and 15 "Positive Evaluation", which is considered an excellent evaluation for all sections. The basic mission of the Institution is to continue to deliver high quality education and state-of-the-art research, and become competitive at the national and international levels. The vision and priorities of the University are leading toward excellence, and will help improve the university's ranking to a possible position among the top 150 institutions in the world by 2020.

#### 2.2.4. Universidade de Lisboa – ULisboa



UNIVERSIDADE  
DE LISBOA

The Faculty of Veterinary Medicine of the University of Lisbon is the oldest Portuguese veterinary medical school promoting teaching of Veterinary Sciences in Portugal since 1830. Its mission, as set forth in its Statutes, is "to create, transmit and disseminate culture, science and technology in the area of Veterinary Sciences through the development of education, research and the provision of excellent services for the benefit of society". The results of successive national and international evaluations place FMV at the forefront of Veterinary Medicine in the country and among the best in Europe, due to the quality of its teaching, research and services, always in a dynamic and interactive collaboration with the society. FMV offers several Master degrees and a PhD program in Veterinary Science with 5 specialties. The Veterinary Medicine training provided at the FMV has been evaluated and approved by the European Association of Veterinary Teaching Institutions (EAEVE) since 1989.

### 2.3 Organizational aspects: ASSOCIATED PARTNERS INFORMATION



UNIVERSITY OF  
CAMBRIDGE

The **University of Cambridge** (UCAM) is one of the most renowned Research/Higher Education Institutes in the world and is frequently ranked amongst the top 5 in international academic rankings. Many affiliates of UCAM have won Nobel Prizes for their significant advances. UCAM is also a major participant in European projects and is amongst the top 5 recipients of H2020 funding. Dr Paul Schofield, University Reader in Biomedical Informatics, is a world specialist in mouse ontologies. Key research facilities related to MorphoPHEN placed at UCAM are the CAIC (Cambridge Advanced Imaging Center), and computational resources, such as the Alan Turing Institute.



The **University of Copenhagen** (UCPH) is ranked among the best universities in Europe (3rd Leiden Ranking). Cord Brakebusch is leading a research group at the excellence centre BRIC (Biotech Research and Innovation Center) and he is director of the Transgenic Mouse Core Facility at UCPH. BRIC is part of EU-LIFE, an alliance of 13 top research centers in life sciences in Europe to support and strengthen European research excellence.



The **Institut Clinique de la Souris** (ICS) is part of the CERBM (Centre Européen de Recherche Biomedicale) located at Strasbourg. The ICS has a strong expertise in generating and analyzing mouse models of human diseases with more than 1600 models delivered in the last 13 years. The ICS is equipped with integrated facilities for genetics, cellular and molecular biology, and notably for creation and characterization of genetically engineered mouse models and their phenotyping assessments. The ICS has developed a whole spectrum of non-nuclear imaging techniques for studying mouse models. Dr. Olivia Wendling is specialized in mouse embryo phenotyping.



The **Institute of Experimental Genetics of the Helmholtz Zentrum München** (IEG-HMGU) is interested in functional genomics studies of mammalian genomes using the mouse as a model organism. The German Mouse Clinic at HMGU is providing an excellent and state-of-the-art research infrastructure for mouse phenogenomics studies. Dr. Julia Calzada-Wack (head) and Patricia da Silva-Buttkus work in the pathology laboratory at the German Mouse Clinic.



**Medical Research Council** (MRC) at Harwell consists of the Mary Lyon Centre (MLC). As an international facility for mouse functional genomics, the MLC provides a wide range of services for the global scientific community, including the production, breeding and archiving of genetically altered mouse lines and an extensive array of phenotyping tests. The new ADVANCE training centre at MRC Harwell, which is an exciting development to provide continuing training for researchers and technicians in laboratory animals, will collaborate closely with the MorphoPHEN programme.



**Czech Center of Phenogenomic** (CCP) is a large research infrastructure hosted by Institute of Molecular Genetics (IMC) in Prague, and currently is leading the IMPC consortium. The focus of CCP is to provide comprehensive services connected to rodent molecular genetics from generation of genetically modified mouse and rat strains to complex phenotypic characterization and further preclinical and translational application of animal models. In terms of bioimaging capability CCP has implemented microCT scanning pipeline for detailed phenotypic analysis of skeletal morphology, body composition and embryonic development in rodent models. Dr. Jan Prochazka is head of phenotyping core and head of bioimaging unit.



**CEINGE-Biotecnologie Avanzate** operates in the field of molecular biology and advanced biotechnology applied to human health. The Comparative Anatomy and Pathology facility offers full range of pathology services, including classical histology, immunohistochemistry and laser capture microdissection. The Advanced Light Microscopy Facility is provided with cutting-edge collection of microscopes (super-resolution STED, confocal microscopy), imaging and data analysis systems. Dr. Mariano Giustino is director and Dr. Francesco Napolitano is scientific director for the Animal facility at CEINGE.



The **Centre for Interdisciplinary Research in Animal Health (CIISA)** is a R&D Unit associated at FMVL. It has been recently rated “Excellent by FCT” (Fundação para a Ciência e a Tecnologia). CIISA’s mission is to develop high impact cutting-edge fundamental and applied multidisciplinary research in animal, veterinary and biomedical sciences. Dr. Antonio Duarte is coordinator of CIISA.



**FUJIFILM Sonosite B.V (FFSS)** is a 100 % owned subsidiary of FUJIFILM Holding Corporation. FFSS is the world leader in real time, in vivo, imaging systems designed specifically for the preclinical research. Dr. Dieter Fuchs is responsible for the ultra high-frequency ultrasound R&D activities at FFSS and coordinates the ongoing scientific projects in collaboration with different European research groups.



**CHARLES-RIVER** is the largest provider of toxicologic pathology services in the contract research industry. In addition to traditional toxicologic pathology studies, CHARLES RIVER provides specialized molecule-specific techniques to accommodate the needs of the rapidly evolving cellular and molecular pathology segment at the biomedical community. Dr. Alys Bradley is director of pathology from 2005. She is actively involved in training pathologists and is Chair of the Board of Examiners for the UK Veterinary Pathology boards regulated by the Royal College of Pathologists. Dr James Baily and Dr Begonya Garcia, both pathologists, will also be involved as guest lecturers.



The **Centre for Phenogenomics (TCP)** is operated by two of the largest research-intensive health sciences centers in Canada; Mount Sinai Hospital and The Hospital for Sick Children. TCP’s facility operates as a centralized, state-of-the-art mouse facility, including the largest comparative pathology research lab in Canada. Dr. Colin McKerlie is a Senior Associate Scientist at The Hospital for Sick Children and Professor in the Department of Laboratory Medicine & Pathobiology at the University of Toronto. As veterinary pathologist, he is also director of Research Partnerships at TCP.



The **Veterinary Pathology Core Laboratory** at St. Jude Children’s Research Hospital (VPCL) (Memphis, USA) assists scientists in the selection of appropriate animal models and experimental pathology assays, as well as, in experimental design, optimal sample collection and fixation, assay validation, and data interpretation. Dr. Peter Vogel, director at VPCL, has over 30 years of experience in interpretation of morphological changes and lesions

in organs and tissues in a wide range of animal model systems, including mice. His laboratory provides a full range of pathology services, including immunohistochemistry, in situ hybridization, laser capture microdissection, and image analysis.



**Institute Pasteur de Montevideo** (UATE) investigate the biological mechanisms of human and animal diseases, and eventually pave the way for new treatments and cures. UATE belongs to the International Pasteur Institute Network (IPIN) which includes 32 research institutes around the world with expertise to fight against infectious diseases. The Transgenic and Experimental Animal Unit provides high-level regional support in the field of animal gene edition including mice, rats, zebrafish and ruminants. Dr. Martina Crispo is the head of the transgenic unit at UATE.

## 2.4 Organizational aspects: HOUSING

### 2.4.1. Universitat Autònoma de Barcelona – UAB

The **International Welcome Point** (IWP) of the Universitat Autònoma de Barcelona provides information for students, lecturers, administrative staff and services staff from other countries.

At the IWP, at the Plaça Cívica, students can find out all the information they need after they arrive, resolve any queries regarding academic life, obtain their UAB student card, see what activities are taking place, find out what grants are available, get help with finding accommodation, ask about the different services at the university and find out about the available language courses.

International Welcome Point-IWP  
Campus de Bellaterra-Plaça Cívica  
Tel. + 34 93 581 22 10  
Fax + 34 93 586 80 25  
E-mail: [programes.conjunts.internacionals@uab.cat](mailto:programes.conjunts.internacionals@uab.cat)  
[international.welcome.point@uab.cat](mailto:international.welcome.point@uab.cat)

Vila Universitaria is a residential complex enclosed in the UAB campus. By joining it, students will live in the same campus and share experience with other students. Erasmus Mundus students can choose between apartments type Q from Vila 2 and apartments Type D, located in Vila 1.

Campus de la Universitat Autònoma de Barcelona  
08193 - Bellaterra (Cerdanyola del Vallès)  
Tel. +34 93 581 70 04  
Fax + 34 93 580 91 86  
[www.vilauniversitaria.com](http://www.vilauniversitaria.com)  
E-mail: [vila@vilauniversitaria.com](mailto:vila@vilauniversitaria.com)

If students prefer to live in the city, they are encouraged to find a shared apartment in Barcelona or other nearby cities such as Cerdanyola del Vallès, Sant Cugat del Vallès, etc.

#### 2.4.2. Università degli Studi di Napoli Federico II – UNINA

The company **International Students Union** (ISU) will help you finding accommodation in Naples. The service, offered on behalf of the University of Naples Federico II, is free of charge. It is the only company that officially collaborates with the university. International Students Union (ISU) is an outsourcing company that provides management consulting and services, combining unparalleled experience and comprehensive capabilities across all the welcome services offered to international students.

Largo Santa Maria La Nova, 12 – 1st floor on the left  
80138 Napoli  
Tel +390810482669  
Tel +393245947719  
Email: [internationalwelcomedesk@unina.it](mailto:internationalwelcomedesk@unina.it)  
[accomodation@unina.it](mailto:accomodation@unina.it)

#### 2.4.3. Aristotle University of Thessaloniki – AUTh

Three **Halls of Residence** located in the area of 40 Ekklesies are available to students of the Aristotle University of Thessaloniki, as well as one branch located in the former “Egnatia” Hotel (11 Leontos Sofou street). The Student Halls of Residence are administered by the Aristotle University of Thessaloniki.

The Student Halls of Residence accommodate approximately 1,500 students, who are provided with a full array of amenities. These include ceremony halls, sports facilities, dining halls which offer meals to all eligible students, quiet study rooms, cafés, and computer rooms with free access to the Internet, a wireless network (WiFi), etc.

Undergraduate and postgraduate students, as well as PhD candidates, who come from large and/or low-income families, are entitled to free accommodation. Social and economic criteria are considered for the selection of the students eligible to be accommodated in the halls. Students are entitled to stay in the halls during the entire period of their studies (provided the extension period does not exceed two years). The halls are open to foreign students as well.

17 Stilponos Kyriakidi str.  
54636 Thessaloniki  
Tel +30 2310 210315  
Website: <https://thessalonikistudenthousing.com>

#### 2.4.4. Universidade de Lisboa – ULisboa

Universidade de Lisboa (ULisboa) has 19 residences for students in Lisbon. Every semester, the ULisboa **Student Support Services** sets aside vacancies in their Student Halls of Residence for foreign students studying at the University under the Mobility Programs.

To apply for a vacancy, foreign students participating in these programs should:

- E-mail the application to the International Relations/Erasmus Office of the School they will attend at ULisboa: [alojamento@sas.ulisboa.pt](mailto:alojamento@sas.ulisboa.pt)
- This request must be made after the acceptance of the study period has been confirmed;

- If the student is assigned an accommodation under the above conditions, he or she shall be informed of all the procedures to be followed.

The ULisboa Student Halls of Residence are not free, as the stay is subject to the payment of a monthly fee, which is set annually.

## 2.5 Financial aspects: PARTICIPATION COSTS and SCHOLARSHIPS

### 2.5.1. Participation Costs

The MorphoPHEN participation costs for non-EU students and for EU Students are managed directly by the Consortium. The participation costs include:

- The costs for tuition: fees/salary costs and mobility costs for partner institutions' internal staff as well as invited scholars from associated partners.
- The cost to implement and maintain an EMJM joint programme: Programme and Local secretariats, contact points, administration (registration and admission procedures, file management, book-keeping etc.)
- The cost of tutoring, supervision and complementary language courses.
- The cost of services and facilities: promotional and guidance material, libraries, buildings, equipment (Wi-Fi access, pc rooms etc.).
- The cost for implement the Master's Degree Dissertation
- The insurance costs
- Any mandatory administrative/operational cost related to the participation of the Students in the course.

### 2.5.2. Administration of Scholarships

#### a. Scholarship payment

In accordance with the conditions of the Erasmus Mundus program of the European Commission, the scholarship will be managed by the MorphoPHEN Secretariat and includes two concepts:

- Enrollment in the master's program and medical insurance, both paid by the MorphoPHEN Secretariat (EUR 10.200,00). This amount will be directly withheld within the consortium budget. By signing this contract, the Student authorizes its collection.
- Living allowance of up to EUR 16.800,00, transferred to the recipient monthly in 12 payments. The allowance will be paid on a monthly basis to the Student's personal bank account.

The scholarship is awarded for full-time enrolment, and will cover the entire duration of the Master programme (12 months).

No living allowance will be paid to the Student during the months that they spend in their country of residence, not even in the case when the MorphoPHEN programme is held in such country.

Students who have previously obtained an EMJM scholarship are not eligible to apply for an additional scholarship under the EMJM.



b. Money Transfers

Immediately upon arrival at the first-semester institution (UAB), the recipient must open a Spanish bank account and forward the account details (including the IBAN number) to the Programme Secretariat. All payments will be directly transferred from UAB to a Spanish or European bank account specified by the scholarship recipient.

c. First payment upon arrival

After obtaining the bank account details, the first monthly allowance will be paid at the end of the first month (September 2024) if all the necessary data have been provided by the student. We advise students to take some money with them for their first month in Spain.

d. Scholarship interruption and drop-out from the programme:

- If EMJMD scholarship holders withdraw their participation in the Master course before or during their study period, or if they are excluded from the EMJM course, the consortium has the possibility to reallocate the remaining monthly subsistence costs to another Student on the reserve list.
- A scholarship reallocation of a drop-out Student to a Student on the reserve list is only possible in the first few weeks of semester 1.
- As stated in preamble and 1.9/1.10/1.11, a student participation in the programme may be immediately interrupted if fraudulent act, cheating, falsification or plagiarism of any academic work is committed. Also, if there is evidence of abuse or misuse of any equipment or installations or unauthorized access or violation of any institutional, departmental or university rules. Furthermore, the student participation in the program may be immediately interrupted if the academic expectations are not achieved: such as failing reassessments on Semester 1 or 2 study-units, or failing in Master Internship.

e. National policies regarding part-time work during studies apply.

Although there is no specific EU regulation regarding part-time work for scholarship holders [full time participation], they should avoid part-time work. National rules will apply to all students.

f. As stated by EACEA, all Erasmus Mundus Joint Master students must participate in programme surveys/evaluations, as well as joining the Erasmus Mundus Association and Alumni Association (EMA - <http://www.em-a.eu/>). More information related to EMJM action in general can be found at the Erasmus + Programme Guide.

### 3. COMPLAINTS AND AMENDMENTS

- 3.1. Any complaints arising in relation to MorphoPHEN program or termination of studies must without delay be brought to the attention of the Program Coordinator.
- 3.2. A distinction is made between teaching/learning issues and other matters, such as student services. For complaints relating to the teaching or learning process, students should contact the teaching staff who is directly involved in the process, or their supervisors.
- 3.3. For complaints or feedback relating to other matters, such as housing or student services, students should address via e-mail the university services which are responsible for the matter.
- 3.4. This agreement automatically expires at the end of the second semester.

## 4. TERM AND VALIDITY

- 4.1. This agreement shall take effect after it has been signed by both parties on the last date of signature and automatically expires at the end of the academic year.
- 4.2. If the agreement is terminated at an earlier point, the scholarship payment is automatically stopped at the same time. The Programme Secretariat will seek reimbursement of prepaid installments.
- 4.3. This agreement is written in duplicate copies in English with each of the copies being equally authentic.
- 4.4. Modification of the Contract and dispute resolution conditions:

Any alteration to the present contract must be communicated in writing. All alterations to the initial situation must be immediately communicated by the Student to the MorphoPHEN consortium. Upon mutual agreement of contractual modifications, the MorphoPHEN consortium will issue addenda to the present contract.

Without prejudice to the general consequences laid down in national law applicable in the present contract, the MorphoPHEN consortium reserves the right to cease the effects of the present contract, without recourse to any juridical procedure apart from adequate communication to the Student. Failing agreement by both parts, the Spanish courts are designed as the only competent authorities to resolve any legal dispute between the MorphoPHEN consortium and the Student emerging from the contract. The present contract will be governed by the Spanish Law.

The signatories declare that they have read and accept the conditions laid down in the present contract:

The coordinator, Jesús Ruberte París

Date: \_\_\_\_\_

The student, \_\_\_\_\_

Date: \_\_\_\_\_