



BLENDED INTENSIVE PROGRAMS (BIP)

Template Ulysseus BIP proposal

Current trends in ageing research

Beneficiary Module BIP code : 2023-1-FR01-KA131-HED-000115137-1

General Course Information

- Course Description: An extract with one or two lines to define each course would help to describe it properly on the website: **Dive into ageing biology through seminars by top researchers from UniCA, UniGe and USE, and develop hands-on lab skills in ageing research with immersive sessions in specialised labs.**
- Image for the course:



- **Ulysseus Priority topics:**

- BIP topics related to the Ulysseus Innovation Hubs : Ageing and well-being

- Target group:

- Students

- Level (for students):

- PhD

- Field of study: **Ageing Biology (Molecular Biology, Genetics, Cell Biology, Biochemistry, Physiology, Neurobiology, Epidemiology, Pharmacology, Biomedical Engineering, Geriatrics)**
- Course dates from (please including the dates of the virtual part and + the physical part) **03/03/25 to 07/03/25** (March 2025 for the date of the virtual part, to be defined)
- Registration dates are open from **30/09/24 to 06/01/2025**

Course Content

1. Course Outline: The course is structured into two main components: a digital component and a physical component, each designed to complement the other and enhance learning outcomes.

Collaboration: The course heavily emphasizes group collaboration, especially in the physical component where students are grouped into small teams (2-4 members) to engage in lab-immersion activities. These activities involve working on mini-projects within the labs, fostering teamwork and practical experience in a research setting.

Individual Participation: Individual learning occurs through participation in seminars and the digital streaming of these seminars for those who register virtually. Individual participation is also evident in poster presentations.

Expectations: By the end of the course, each group must present a 15-minute summary of their lab-based project, sharing insights and outcomes. This presentation is a significant task that encapsulates the practical application of their learning.

2. Course Content: The main topics addressed in this BIP are centered around the latest trends and technological advancements in ageing research. The content is delivered through seminars and hands-on lab training, with a strong emphasis on integrating clinical perspectives and innovative strategies.

Key focus areas include:

- Ageing Biology and Clinical Implications: Understanding the biological and clinical aspects of ageing, leveraging the expertise of research institutions like IRCAN.
- Transdisciplinary Approaches: The course underscores the importance of crossing traditional academic boundaries to tackle ageing, with a clear focus on collaborative and challenge-based learning.

3. Learning Outcomes: Following the completion of this course, students will be able to:

- Understand Current Trends in Ageing Research: Students will gain an up-to-date understanding of the field's current state, including the latest research, technological advances, and clinical practices.
- Apply Practical Research Skills: Through lab-immersion sessions, students will acquire hands-on experience in applying research methodologies, technologies, and innovations specific to ageing research.
- Develop Collaborative Research Capabilities: Participants will enhance their ability to work effectively in transdisciplinary teams, a crucial skill for tackling complex research challenges.
- Prepare for Advanced Research Opportunities: The practical experience and networking opportunities provided will equip students to pursue further research, collaborations, or career opportunities in ageing research.

Course Practical Details

- Practical Details
 - Start date virtual part: March 2025 (TBD)
 - Start date of the physical part: 03/03/25
 - Teaching language: English
 - Location: Nice, FRANCE
 - ECTS: 3
 - The maximum number of participants for the BIP and precise if participants in addition of the Erasmus+ one can be added : 30 total
 - Contact: *see the contact part below*

Physical Mobility

The physical event is broken down into two main sections, (i) the traditional seminar-based training, and (ii) focused lab-based training in one of 10 specialized labs (Lab-Track).

Seminars: We will bring together local and international experts in the field to present their work and educate the participants (physical and virtual) in the current state-of-the-art of ageing research in their respective area.

Lab-immersion: Small groups of 2 to 4 attendees will be integrated into a research laboratory to embark on a mini-project. This immersive experience will allow participants to employ the specific skills, state-of-the-art technologies, and advanced methodologies unique to the chosen lab. Over the course of four afternoons, they will receive intensive, hands-on training in their selected area of specialty. This module is designed exclusively for those attending in person, and will allow participants to have an immersive experience in a Lab they might like to collaborate or potentially write future applications like FRM, IBRO or MSCA. During registration, attendees will be asked to select their top three lab projects of interest. We will then facilitate optimal group placement based on these preferences. The culmination of this practical journey will be a concise 15-minute presentation from each group, sharing insights and outcomes from their hands-on research endeavor.

	Morning	Afternoon
Day 0	Travel to Nice (France) Arrive in the accommodation and evening welcome drinks.	
Day 1-4	Seminars: Leading researchers present the current trends and technologies within their respective fields Posters: Different set of students present their work in poster format.	Lab-immersion: Small groups (2-4) of Physical participants will join a lab for 4 days to learn new technologies, methodologies or techniques within the field, and conduct a mini-project as a group.
Day 5	Seminars: Leading researchers present the current trends and technologies within their respective fields Posters: Different set of students present their work in poster format.	Lab-immersion Presentations: Each group of the lab-track will present their mini-projects. Poster Prize awarded: A prize for the best poster will be chosen by a jury. Active Networking Event: City tour or other type of activity to solidify the network of young researchers
Day 6	Good bye	

Virtual Component/Part

Morning seminars will be live broadcast to people registering virtually using zoom/teams (to be determined). Match4Cooperation, the Ulysseus research

network, will also be used as a social media platform to connect all participants before, during and after the event and will give them access to research and innovation potential with the Ulysseus European University.

Requirements

PhD students within the fields of biological sciences who are interested in or directly working on aspects of ageing or age related diseases.

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General Course Information

- Course Description:** Dive into ageing biology through seminars by top researchers from UniCA, UniGe and USE, and develop hands-on lab skills in ageing research with immersive sessions in specialised labs.

Where is the BIP taking place:	Nice, France
What is the hosting University ?	Université Côte d’Azur
Ulysseus BIP topic (must be included among Ulysseus 2.0 topics as Entrepreneurship; Multilingual & intercultural competences; Equality Diversity & Inclusion; Citizen Engagement, or among topics related to the Ulysseus Innovation Hubs, or among Transversal/Interdisciplinary topics aligned with the Ulysseus Mission):	Ageing and well-being, Ageing Biology (Molecular Biology, Genetics, Cell Biology, Biochemistry, Physiology, Neurobiology, Epidemiology, Pharmacology, Biomedical Engineering, Geriatrics)
ECTS (optional):	3
Expected participants (students, staffs or the two publics) and the expected study level for students:	Students (PhD) within the fields of biological sciences who are interested in or directly working on aspects of ageing or age related diseases.
Maximum number of participants (optional) and precise if participants in addition of the Erasmus+ one can be added:	30
Dates of the virtual component:	March 2025 (TBD)
Dates of the physical mobility:	2025 March 3rd-7th
Online component duration:	TBD
Language and level required:	English

Available funding:	Check with your Home university about funding options
Hosting University registration deadline to receive (the participant list or the signed Erasmus mobility agreement): Choose the correct proposition	6 January 2025
Application Details:	Please contact your local Mobility Officer of your Home university. Each Home University will do its internal selection.
Contact of your Home University:	
Haaga-Helia University of Applied Sciences:	mobilityulysseus@haaga-helia.fi
MCI The Entrepreneurial School:	mobilityofficer.ulysseus@mci.edu
Université Côte d'Azur:	mobility-ulysseus@univ-cotedazur.fr
University of Genoa:	mobility-ulysseus@unige.it
University of Montenegro:	ulysseusmobility@ucg.ac.me
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Technical University of Kosice:	natalia.vaskova@tuke.sk



Co-funded by
the European Union



◀ Blended Intensive Programme ▶

Current trends in ageing research



03-07 March 2025

Dive into ageing biology through seminars by top researchers from **Université Côte d'Azur, University of Genova and University of Seville**, and develop hands-on lab skills in ageing research with immersive sessions in specialised labs.



Teaching language: English



Location: Nice, France



Target group: PhD students of biological sciences who are interested in or directly working on aspects of ageing or age related diseases.



Maximum number of participants: 30



Application deadline: 06 January 2025 (for Erasmus students)

**Scan the QR Code to
register now!**

