

Internship offer for the FORTHem alliance

FORTHem alliance invites you to join our international collaboration where we seek to offer internships for students from the universities of FORTHem. We are asking if you could provide internship positions for the students from the following FORTHem alliance universities:

- Johannes Gutenberg-Universität (JGU, Mainz, Germany)
- Uniwersytet Opolski (UO, Opole, Poland)
- Università degli Studi di Palermo (UniPa, Palermo, Italy)
- Université de Bourgogne (uB, Dijon, France)
- Universitat de València (UV, Valencia, Spain)
- Latvijas Universitāte (UL, Riga, Latvia)
- Jyväskylän yliopisto (JYU, Jyväskylä, Finland)

In order to offer internship positions to students from the alliance member universities, please provide us the following information (If you have more than one position to offer, please fill in a new form for each internship offer):

1. Name of the organization offering internship *

Organization*: **Consorzio Universitario della Provincia di Trapani Institute of Marine Biology**

2. Information about the organization *

Organization website *: www.consunitp.it

Organization Address *: Lungomare Dante Alighieri

Zip code *: 91016 City *: Casa Santa Erice(TP)

Country *: Italy

3. A short description of the organization offering internship (this description is included in the internship offer published in FORTHem webpages) *

The Laboratory of the Institute of Marine Biology of University consortium of the province of Trapani, established about thirty years ago, is recognized by Ministerial Decree No. 6341 of November 16, 1984, by the Ministry of Agriculture and Forestry in accordance with Presidential Decree 1638/68; it is registered in the National Registry of Research at No. cc433 and it is enrolled in the register of highly qualified research laboratories, at the Ministry of University, Scientific and Technological Research.



The Institute of Marine Biology has a long experience in research activities related to aquaculture and product quality, attested by the participation and coordination of numerous research projects in this field, of regional, national and international relevance. The research carried out, in close collaboration with production companies in the area, are characterized by a strong industrial cut and inspired by the need for an immediate and effective transfer of the technologies developed and the obtained results. The staff of the laboratory has a consolidated experience in the definition of farming practices suitable for the various species, both in intensive farming in tanks and in the sea, low-impact farming practices in extensive farming in salt marshes, in the evaluation of the response of organisms to farming conditions in order to optimize farming practices, in the evaluation of the condition of adaptation/stress of marine organisms, to highlight the critical aspects of farming and improve animal welfare, in the determination of the quality of fish products for the purposes of traceability, in the experimentation of innovative processing techniques to improve quality and extend the shelf-life of products. The strong industrial vocation of the researches carried out has been concretized, during the last years, with the stipulation of collaboration and service agreements with aquaculture and fishery products processing companies. Within the framework of these agreements, the institute provides analysis and consultancy services to contribute to the development and affirmation on national and international markets of companies in the sector.

The laboratory, thanks to its extensive equipment and regional, national and international funding, is also involved in research aimed at enhancing biodiversity through the identification of marine bioactive compounds for pharmaceutical, nutraceutical and cosmeceutical applications. For the research activity, the Institute, following the Convention stipulated with the University of Palermo, hosts the Marine Biochemistry Section of the Department of Earth and Marine Sciences.

For several years now, the Institute, thanks to an agreement with the Department of Earth and Sea Sciences of the University of Palermo, has been hosting foreign students who carry out a study and research internship at our laboratory as part of the ERASMUS programme.

Details of the internship

4. A short description of the internship and tasks included (this description is included in the internship offer published in FORTHEM webpages) *

The internship offer concerns training activities aimed at supporting companies operating in the fisheries sector, also to diversify and to innovate the productions. The aim of the internship is therefore to contribute to the training of professionals who support companies in the fisheries sector for the development on innovative food technologies methods that are able to preserve the quality and extend the shelf life, conjugating traditional methods of processing with innovative procedures. For that purpose, the training objectives proposed concern the acquisition and improvement of basic and professionalizing skills of laboratory aimed at assessing the quality and shelf life of fishery, aquaculture and processing products. In particular, the proposed traineeship activities are sensory and instrumental control procedures, the analysis of the main organic constituents and drafting of nutritional labels of fresh and processed fish products.



5. The duration of the internship (between 2 to 6 months) *

Start date * (dd.mm.yyyy): open period

End date * (dd.mm.yyyy): open period

Additional information *: there are not restriction, **except for the month of August.**
(summer closure).

Total number of hours (please, respect each national limit): **300**

6. Number of workdays per week *

Days/week *: **5**

7. Daily working hours (e.g., 6 hours 20 min) *

Hours/day *: **6 hours**

8. Internship includes the following compensation, insurances, etc. *

- We will offer lunch for the intern
- We will arrange and cover the cost of the accommodation of the intern
- We will cover the costs of the commute transportation (the travel expenses from the intern's accommodation to the place of work in the locality of work place)
- We will offer a compensation for the internship in total (euros): _____
- Will we offer the following insurances for the intern: _____
- Other?: _____

None of the above

9. The deadline for the internship applications *

Deadline *: open application

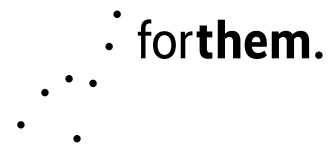
The educational background and skills of an intern

10. The level of studies we expect from the applicants (remember that the student won't have finished his studies yet) *

- Bachelor's level studies
- Master's level studies
- Doctoral studies /post graduate studies
- Not relevant



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11. We expect the intern to have the following skills: *

Skills *: **Basic skills in basic chemistry in laboratory**

Preferred degree / degrees *: **Biological, Agri-food and product quality disciplines**

12. Language skills: *

The working language used in the internship (proficiency in this language is required) *:

English

Other language skills we would prefer the intern to have *: **French and Italian**



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13. Organization contact details *

Contact person * Anna Fontana

Phone number *: +39 0923 568300

Email *: segreteria@consunitp.it

14. Internship supervisor in the organization and contact details *

Department / Section *: Marine Biology Laboratory

Internship supervisor name *: Concetta Maria Messina and laura La barbera

Position *: Researcher

Phone number *: +39 347 013 3788

Email *: concetta.messina@unipa.it; labarbera@consunitp.it

Internship Organization Address: Via Giuseppe Barlotta, 4

(if different than in 2.)

Zip code : 91100 City : Trapani

(if different than in 2.)

Country *: _____

(if different than in 2.)

15. Organization details may be published as a part of internship offer * (sections 13 and 14 will not be published in any case)

Yes, point 2 will be published

- No, point 2 won't be published

16. You can add additional information about the internship, practicalities, and questions you have about the internship process here (this information is not included in the internship offer in the FORTHEM webpages). *

17. I understand that the information I have provided in this form is used in collaboration with the FORTHEM alliance and distributed further within the FORTHEM alliance through the websites of www.jyu.fi, <https://www.forthem-alliance.eu/en/>, and other FORTHEM alliance member's websites. Read more: <https://www.forthem-alliance.eu/en/about-us/gdpr-notice/#c88332> *

Yes

