

Pharm-ERA

2nd consortium meeting detailed agenda

March 31st –April 04th, 2025 – Blanes, Spain



INRAE

&

 **CEAB**
Centre d'Estudis Avançats de Blanes
 **CSIC**
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

BLANES TOURISM

More information on Blanes city & activities here: <https://www.blanescostabrava.cat/en/>

TRAVEL

To come to Blanes from Barcelona or Girona, choose the bus.

Sagales buses Line 601 from Girona : 1h travel ; [see timetable here](#)

Sagales buses Line 603 from Barcelona Airport : 2h travel: ; [see timetable here](#)

VENUE

The meeting will take place in the [Hotel Horitzo****](#) (Passeig S'Abanell nº 11, 17300 Blanes) Contact: Josep M MACIA (Director) : | josepmaria.macia@groupepvc.com / +34 675 95 73 20.

The hotel is situated in front of the sea and proposes a spa and a fitness room.

On Thursday morning, the meeting will be relocated in CEAB building. A bus shuttle is organised in front of the hotel, **departure at 9:15 SHARP**.

Pharm-ERA Second Consortium Meeting, 31/03-04/04/2025, Blanes, SPAIN

		Monday 31/03/2025	Tuesday 01/04/2025	Wednesday 02/04/2025		Thursday 03/04/2025		Friday 04/04/2025		
9:00	9:30					Supervisory Board		RC	PO interviews with DCs	
9:30	10:00									
10:00	10:30	DCs Training Core Skills for your PhD: Communication, Time & Project Management by TPMscience see description		DCs Training Outreach activity + personal career plan by F. evertea	Workshop paper + Data Management Plan	Keynote lectures Jose Luis Balcazar + Albert Sorolla		coffee		
10:30	11:00					Meet at 11:30 in front of the hotel		Feedback and open discussion		
11:00	11:30								B2B secondments	Restricted session NCT+PO
11:30	12:00									
12:00	12:30			Visit CEAB						
12:30	13:00			B2B secondments						
13:00	13:30			Lunch				Lunch at CEAB		
13:30	14:00									
14:00	14:30									
14:30	15:00			DCs (12'/PhD + 2' questions + 1' changing)		Bus at 14:30				
15:00	15:30					Po intro & tour de table				
15:30	16:00					Project progress report				
16:00	16:30	coffee								
16:30	17:00	Coffee								
17:00	17:30									
17:30	18:00		Outreach activity organised by DCs	Keynote lecture Thomas Backhaus	THRC	DCs poster corner (5'/poster)				
18:00	18:30									
18:30	19:00	DC committee		Team Building						
19:00	19:30									
19:30	20:00									
20:00	22:00									

at CEAB going together by bus

Full consortium session	MANDATORY for all PIs (beneficiaries + associated partners) + WP leaders + DCs
Project Officer meeting	
Dedicated to Docotral Candidates (DCs)	MANDATORY for DCs
Group workshop	Depending on the topic
Keynote lecture	Open to all
Free time/breaks	
Team Building	
Field trip ?	

MONDAY 31/03 & TUESDAY 01/04

10:00 - DCs Training : “Core Skills for your PhD: Communication, Time & Project Management”, by Dr Lisa Saemisch, Dr Gavin Lucas 10 DCs
18:00

Including coffee breaks & lunch at hotel

This workshop aims to provide participants with a grounding in key transferrable competencies for their research & beyond. The over-riding principle is awareness-raising: to develop a conceptual framework to understand and deal with some of the common challenges that arise during one's PhD, and to acquire a set of practical tools and methods immediately applicable in the participants' working environment. The workshop will also help establishing a cohesive group identity among the participants, as a basis for Peer Mentoring and collaborative learning.

Workshop Content

- **Cohort Building:** Form group identity and cohesion for productive collaboration during the participants' PhDs and beyond. We will run presentation exercises and group tasks to encourage participants to interact and get to know each other.
- **My Core Message + Poster Preparation:** Explore essential aspects that are common to many science communication channels, including considering the audience, defining the core message, and justifying our research. Posters for the poster corner session will be prepared. This module will also cover the crucial topic of giving & receiving feedback.
- **Understanding Conflicts:** Conflicts inevitably arise in most working environments. We aim to equip students with a well-known framework to understand conflicts and resolve them through respectful, deescalated dialogue.
- **Working with My Supervisor:** We will introduce a model for effectively communicating different situations and challenges with a supervisor, maintaining a good relationship, and empowering the student and their ideas.
- **Time Management:** How do you plan your day to work effectively? How do you prioritize your tasks to get the important things done first? Participants will learn simple tools to help them be more efficient.
- **Project and Task Management:** Setting realistic goals requires practice. Participants will be introduced to a framework that simplifies project and task management and will discover digital tools to better manage themselves and collaborate effectively.
- **Motivation:** We work on understanding and addressing sources of demotivation during the PhD journey, using a simple and practical framework.

MONDAY 31/03

18:30 - Doctoral Candidates committee 10 DCs
19:30

The purpose of the DC Committee is to facilitate discussions among DCs regarding the progress of the Pharm-ERA project, any challenges they faced, and any aspects they wish to see modified or improved regarding the scientific or training program, as well as the overall organization of the project. DC representatives are invited to participate in the THRC and SB during each consortium meeting to provide feedback on the effectiveness and quality of the doctoral training program, as well as to propose any necessary improvements. They will also help identify potential gaps in training and risks that may affect the progress of their projects. To this end, DCs should elect four representatives (two for the THRC and two for the SB). To ensure broad participation, these representatives should rotate at each consortium meeting. We kindly ask you to decide who will represent the DCs at this consortium meeting and, if possible, at future ones.

NB: THRC will take place at the same time as Thomas Backhaus conference, but we will record it.

TUESDAY 01/04 – 18:00-20:00

DCs of the Pharm-ERA project organize a public science outreach event on the transmission of antibiotic resistance in the environment. This will take place at the Roberto Bolaño Library in Blanes (Girona, Spain) on April 1, 2025, from 6 to 8 PM, with a capacity for up to 70 people. The activity will be conducted in Spanish.

First, a brief presentation will address the issue of antibiotic resistance, raise awareness about the presence of drugs in rivers and soils, and explain the current legislative situation in Europe. The implications of this issue for human health will also be discussed, along with prevention strategies such as the correct use of antibiotics during treatment. Additionally, a role-playing experiment will be organized to illustrate the transmission of resistance genes. After a break for refreshments and to get some fresh air, the audience will be invited to participate in an educational quiz in Kahoot! format to assess the knowledge gained during the event. To conclude, the group will summarize their findings, and the audience will be encouraged to ask questions to the students, both in Spanish and English.



WEDNESDAY 02/04

PARALLEL 10:00 – 13:00	DCs Training on Outreach activities <i>10DCs</i> By Foundation evertéa <ul style="list-style-type: none"> • Debrief of the previous day's general public event: positive and negative point. How to improve it? • Future events • Social medias communication planning • Validation of ID cards • Define strategy to realize videos to present each DC
PARALLEL 10:00 – 13:00	Workshop for position paper writing <i>Senior Scientists only</i> By Chloé Bonnineau & Stéphane Pesce <p>If you want to participate to the writing of the Pharm-ERA position paper, join the group.</p> <p>The paper will be submitted to the FEMS Microbiology Ecology Thematic Issue on Microbial Ecotoxicology of Contaminants of Emerging Concern (deadline June 2025), editors: Natàlia Corcoll (University of Gothenburg, Sweden), Kristian K. Brandt (University of Copenhagen, Denmark), Sébastien Duperron (National Museum of Natural History, France), Mechthild Schmitt-Jansen (Helmholtz Centre for Environmental Research, Germany), Stéphane Vuilleumier (University of Strasbourg, France)</p> <p>Proposed Article Type: Current Opinion, Perspective and Commentary articles enable authors to present their views on important topical issues, to discuss new conceptual approaches and to consider, critically, future developments. Their format is flexible but follows that of MiniReviews, with similar maximum length (i.e. The style for MiniReviews is the same as for research papers, except that the maximum length of the text is about 7,000 words, with a maximum combined total of six figures and tables. There is no rigid format for MiniReviews but they should generally include an Abstract and a brief Introduction in which the background to the article is presented. The remainder of the text should be arranged under a single, or a maximum two levels of subheading, finishing with a Conclusion or Outlook section that highlights the novelty of the MiniReview)</p> <p>Proposed title: Interactions between microbial communities and pharmaceuticals along the soil-water-sediment continuum: Emerging challenges and perspectives.</p>
13:00 - 14:30	Lunch at hotel
14:30 - 17:30	DCs presentations <i>All</i> <p>12 minutes oral presentation of DCs progress + 2' questions. During your presentation, you'll need to cover your project's objectives, updated timeline, key research questions, hypotheses, experimental strategy, and preliminary results. Depending on the progress of your thesis work, you are free to adapt the extent of each of these sections. To help you stay on track, we've prepared a template (download it here: https://filesender.renater.fr/?s=download&token=06c65c5a-e478-49c0-b3bc-3cb5797980fb). Make sure to respect the time limit, if you exceed it, you will be interrupted.</p>
17:30 - 18:00	Coffee break
PARALLEL 18:00 – 19:00	Keynote: Microbial Ecotoxicology: A Key to Environmental Protection in the Spirit of the Non-Toxic Environment and the Sustainable Development Goals, by Thomas Backhaus, RWTH-Aachen University, Germany

PARALLEL Training and Human Resource Committee

18:00 –

19:00

Composed of the Network Coordinator (NC = S. Pesce), the Training & Human Resources Manager (THRM = D. Delaunay), the Intersectoral Manager (IM = F. Ferrari), and 2 DC representatives

THRC meets every 6 months to:

- monitor network-wide training activity progress;
- evaluate the efficiency and quality of the training activities through the analysis of fellows 'satisfaction level;
- propose adjustments in the Pharm-ERA training programme if needed;
- monitor individual fellow training progress through the annual validation of each PCDP and feedbacks about fellows well-being evaluated through annual individual interviews

19:00 –

20:00

Free time

If the weather is nice, we can enjoy a walk on the beach, the Palomera is about 15' walk (< 1km) in the direction of the restaurant. Known as the symbol of the city, this rock is the beginning of La Costa Brava. It is also a natural lookout point overlooking the beach side of the city.



20:00 –

Let's enjoy the evening together: the locals will guide us through the Spanish nightlife, featuring local food, drinks, and dance for the night owls.

THURSDAY 03/04

09:00 - 10:30	Supervisory Board : mandatory for all Pharm-ERA consortium PI and WP leaders (+ 2 DCs) - All consortium members welcome	
	<ul style="list-style-type: none"> • Reminder of Pharm-ERA management, calendar, publishing rules, results & intellectual property issues (reminder of Consortium Agreement important issues) • Financial overview of management budget • Conclusions THRC • Identification of points to be discussed at the RC • Questions/answers concerning the project's functioning 	
10:30 - 11:00	Keynote Jose Luis Balcazar, Catalan Institute for Water Research (ICRA-CERCA), Girona : Wastewater-based surveillance of antimicrobial resistance: Perspectives and challenges	<i>All</i> <i>20'+10'</i>
	Antimicrobial resistance (AMR) is a growing global health threat, emphasizing the need for effective surveillance strategies to combat this challenge. Wastewater-based surveillance (WBS) has emerged as a promising approach, as municipal wastewater serves as a major reservoir not only for chemical contaminants but also for antibiotic-resistant bacteria and their resistance genes. By reflecting the collective resistance gene pool circulating at a community level, WBS provides early warnings and valuable insights into public health trends. This talk will explore the potential of WBS in AMR monitoring, highlighting its advantages, such as cost-effectiveness and large-scale coverage. However, it also presents challenges, including standardization, data interpretation, and ethical concerns. Understanding these perspectives is crucial for integrating WBS into global AMR surveillance strategies.	
11:00 - 11:30	Keynotes, Albert Sorolla, Naturalea : The mitigation of Pharmaceutical micro-pollutants using NbS Nature based Solutions	<i>All</i> <i>20'+10'</i>
	The objective of the Pharm-Era project is to assess the environmental risk of pharmaceutical products, antimicrobial resistance and pathogens from terrestrial to aquatic environments; and examine strategies to mitigate it. At Naturalea we believe it's important that this environmental risk does not cause another economic backpack for the population. We work on bioremediation together with the Urban River lab team, which includes CEAB, together with other entities, who is also a partner of PharmERA. Thanks to this collaborative research, we have already worked on the implementation of strategies addressing a) mitigation of diffuse pollution by stormwater and b) the quaternary management of WWTPs effluents. In the presentation, we will show examples from Viladecans, Les Franqueses, Lliça, Granollers and Centelles. All the support in research to improve and validate what we are doing is not only necessary, but it is also urgent. So we welcome the contribution from ESR's research.	
11:30	Meet in front of the hotel to take the bus driving us to CEAB DON'T BE LATE.	<i>All</i>
12:00- 12:30	Visit of CEAB	
12:30 - 13:00	B2B SECONDMENTS meeting This slot is designed to allow partners to discuss about the seconding periods of each Doctoral Candidate. If seconding periods are not yet fixed, please ensure you will meet your seconding partners during this session (or the Friday's one).	<i>DCs + Supervisors + hosting partners</i>
13:00 - 14:30	Lunch time at CEAB cafeteria	
14:30	Back to the hotel with the bus DON'T BE LATE.	<i>All</i>

15:00 - 15:30	REA Project Officer intro & tour de table	<i>All</i>
	Short introduction by the REA Project Officer, the purpose of the meeting, and tour de table: All scientists-in-charge should briefly present their research team and describe their role within the network. Introduction of the Associated Partners. PIs and WPLEaders shall present themselves.	
15:30 - 16:30	Coordinator's report By Stéphane Pesce, Chloé Bonnineau and Delphine Delaunay	<i>All</i>
	Presentation of the project's progress covering the following aspects: <ul style="list-style-type: none"> • Scientific <ul style="list-style-type: none"> ○ The scientific, technological or socio-economic reasons for carrying out research in the field covered by the research; ○ The research objectives of the network; ○ Scientific highlights of the work so far and advancement on the state-of-the-art. • Training <ul style="list-style-type: none"> ○ The training programme and the career development achievements; ○ Secondments; ○ Complementary skills; ○ Training events open to external participants. • Networking <ul style="list-style-type: none"> ○ How the Network functions and how the beneficiaries cooperate in practice; ○ Interaction with private sector; ○ Dissemination and outreach activities. • Management <ul style="list-style-type: none"> ○ State of play of the recruitment, deliverables and milestones; ○ Ethics issues, if applicable; ○ Management meetings (activities of the Supervisory board, etc.); ○ Financial aspects (if necessary); ○ Critical implementation risks and mitigation actions; ○ Any proposed re-orientations of the networks' activities; ○ Document management and Open Science. 	
16:30 - 17:00	Coffee break	
17:00- 18:30	DCs poster corner (5'/poster)	<i>All</i>
	DCs will present themselves as well as their individual research project (showing the main objectives of their projects, methodology used, and main results obtained so far). The preparation of this poster (it will be a hand made poster) will be included in the training of the first 2 days. Lisa will guide you in identifying the key points to communicate your project's global aim and progress. So you don't have to prepare anything for this poster before the meeting	

FRIDAY 04/04

PARALLEL Research Committee

09:00 –
10:30

Composed of the Scientific Manager (SM = C. Bonnineau), WP 3 to 6 leaders (WP3L = C. Miège, WP4L = N. Corcoll, WP5L = D. Karpouzas, WP6L = L. Proia, and Intellectual Property, Dissemination and Outreach Manager (IPDOM = F. Martin-Laurent),

RC meets every 6 months to ensure the efficient progress of the scientific aspect of the project. For this second RC meeting, attention will be given to the following aspects :

- Data management plan : presentation of the submitted DMP, follow-up discussion on data organization, storage and sharing within the project
- Update on the shared information about pharmaceuticals studied and/or site studied in the different DCs projects
- Update of the dissemination plan
- Upcoming milestones & deliverables in particular:
 - WP4 - M11 : Availability for the consortium of "Toxicity thresholds of ~15 Pharmaceuticals for functional acute effects on periphyton" due on August 2025
 - WP3&5 - M10: Availability for the consortium of "Analytical methods for detecting, identifying and/or quantifying pharmaceuticals in environmental matrices" due on October 2025
 - WP7 – M16 : "Research highlights to present Pharm-ERA" due before summer 2025
 - WP3 - D3.1 : "Literature review on the fate of selected pharmaceuticals and associated transformation products in soils and their potential transfer to freshwater ecosystem" due on October 2025
 - WP4 - D4.2 : "Protocols for toxicity bioassays allowing PICT detection with different pharmaceuticals in periphyton and sediment" due on December 2025
- Short reminder of the scientific progress of the project, if needed discussion on the potential delays or points of concern

PARALLEL PO interviews with DCs

DCs + PO

09:00 –
10:30

This restricted session with the DCs is intended to allow the researchers to discuss with the REA representative about their experiences within the network in terms of training foreseen, supervision arrangements, progress and impact on their future careers.

It is up to the researchers to decide if they wish to meet the REA representative all together or in smaller groups. Should any of the researchers wish to meet bilaterally with the Project Officer; this is also possible upon request.

The main focus will be on:

- Administration: awareness of the grant agreement provisions, working conditions (employment contracts compliant with the Annex V of the grant agreement, eligible allowances, visa issues, administrative support, tuition fees);
- Supervision and integration: quality of the supervision, integration within the research team/the network/ the host institution/the country, career development plans;
- Training: effectiveness of the Career Development Plan, individual research projects, secondments, PhD enrolment, attendance of external courses/workshops/conferences, language courses and complementary skills training.
- Awareness of the European Charter for Researchers.

10:30 -
11:00

Coffee break

PARALLEL B2B SECONDMENT

DCs + Supervisors + seconding partners

11:00 –
11:30

This slot is designed to allow partners to discuss about the seconding periods of each Doctoral Candidate. If seconding periods are not yet fixed, **please ensure you will meet your seconding partners during this session.**

PARALLEL	PCT + PO restricted session	<i>NC, SM, PM & PO</i>
11:00 –	Meeting between coordinator/partners/financial managers and Project Officer to discuss	
11:30	financial issues and periodic report.	
11:30 –	Feedback and open discussion	<i>All</i>
12:30	Feedback from the REA Project Officer and discussion on the output of the Network so far, on possible training areas for future exploitation or the impact on fellows' future careers development.	
12:30	Lunch + departure	

PARTICIPANTS

Abbreviations:

- AP: Associated Partner,
- B: Beneficiary,
- DC: Doctoral Candidate,
- IM: Intersectoral Manager,
- IPDOM: Intellectual Property, Dissemination and Outreach Manager,
- IS = Invited Speaker,
- NC: Network Coordinator,
- PM: Project Manager,
- PO: Project Officer
- SM: Scientific Manager,
- THRM: Training and Human Resource Manager;

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