

BIOREMIA Industrial Workshop & Interim Check Meeting

Material development from lab to marketable medical devices

28.March – 1. April 2022, Chamonix, France

Program

VENUE

28.03 - 1.04.2022, Hôtel "[Refuge des Aiglons](#)",
Chamonix, France

ORGANISERS

BIOREMIA ETN project
<https://www.bioremia.eu/>
Event organiser: Dr. Nicolas Courtois
Anthogyr SAS, France

FUNDING

This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska - Curie Grant Agreement No. 861046.



28 March

Monday

12:15 (CET) ESRs Welcome Lunch & Registration

13:30 – 17:00 **SOFT SKILLS TRAINING _ Intellectual Property Rights (Part 1+2)**

Coffee break: 15:00 & 15.20

*Trainers: Dr. Martina Stueven & Dr. Jennifer Aponte
(Straumann Group)*

- What can be patented and what not?
- How to search and how to read a patent?
- Patent Application Process
- IP Management in Industry/University

17:00-18.00 Open Discussions

19:30 Dinner at MBC [HOME](#) | [mbchx](#)

29 March

Tuesday

09:00 **SOFT SKILLS TRAINING _ Intellectual Property Rights (Part 3)**

*Trainers: Martina Stueven & Jennifer Aponte
(Straumann Group)*

10:30 Coffee break

10:45 **SOFT SKILLS TRAINING _Regulatory affairs and Medical Device development (Part 1)**
Overview of the main regulatory drivers in product development

Trainer: Asma Tahir (Ashland Specialties Ireland Ltd)

12:15 Lunch

14:00 **SOFT SKILLS TRAINING _Regulatory affairs and Medical Device development (Part 2)**
The roadmap to the market for dental products: product development

Trainer: Andreas Born (Straumann Group)

15:00 Coffee break

15:20 -17:00 **SOFT SKILLS TRAINING _Regulatory affairs and Medical Device development (Part 3)**
The roadmap to the market for dental products: from research to clinical milestones

Trainer: Nicolas Courtois (Anthogyr SAS)

19:00 Get-together Dinner **at the hotel**

30 March

Wednesday

	<i>Moderator: Mariana Calin (IFW, Germany)</i>
09:00	Discussion on practical aspects of ESR scientific projects
10:30	Coffee break
	<i>Moderator: Nicolas Courtois (Anthogyr, France)</i>
10:45	Lecture 1 - From research to entrepreneurship: Proteins-loaded 3D printed scaffolds to regenerate large bone defects <i>Catherine Picart (IRIG - CEA-Grenoble, France)</i>
11:30	Lecture 2 - Analysis of implants brittle failure: case studies on zirconia ceramics and metallic glasses <i>Jerome Chevalier (INSA-Lyon, France) REMOTE</i>
12:15	Lunch
	<i>Moderator: Christina Lekka (UOI, Greece) & Anne Hönemann (IFW, Germany)</i>
13:30	ESRs - Pitch preparation on IPR or RA Management meeting
15:00	Coffee break
	<i>Moderator: Andreas Blatter (PXS, Switzerland)</i>
15:20	Pitch my project from IPR/RA perspectives (4 groups led by Industrial ESR's)
17:00	Visit of Anthogyr SAS (Bus transfer to Sallanches)
19:00	Dinner at La TELECABINE La télécabine — A novel restaurant in Chamonix Mont-Blanc (restaurant-latelecabine.fr)

31 March

Thursday

	<i>Moderator: Robin Büscher (Stryker, Germany)</i>
09:00	Lecture 3 - Additive manufacturing in the industry - status today and opportunities for the future <i>Ulrike Friebe (Stryker, Germany) REMOTE</i>
09:45	Lecture 4 - Shape optimization of orthopedic implants using the SOMA Bone Database <i>Andreas Petersik (Stryker, Germany) REMOTE</i>
10:30	Coffee break
	<i>Moderator: Andreas Blatter (PXS, Switzerland)</i>
10:45	Lecture 5 - Bringing an academic idea to a product ... "pitfalls and challenges" <i>Andreas Hogg (Coat-X SA, Switzerland) REMOTE</i>
11:30	Lecture 6 - From start-up to scale-up: bridging the gap of amorphous alloys industrialization <i>Alexis Lenain (Vulkam-Amorphous metal, Grenoble, France)</i>

12:15-13:30 Lunch

BIOREMIA Interim Check Meeting

31 March

Thursday

13:30 - 13:45	Introduction: Short introduction by the REA Project Officer, the External expert (Monitor) and the Project Coordinator	
13:45 - 14:45	Tour de table: All scientists-in-charge should briefly present their research team and describe their role within the network. Introduction of the Participating Organisations	
	Beneficiaries (~ 3 min each): <ol style="list-style-type: none">1. IFW Dresden (IFW, Germany) -> A .Gebert2. Montanuniversität Leoben (MUL, Austria) -> J .Eckert/F. Spiekermann3. University of Ioannina (UOI, Greece) -> Ch. Lekka4. Goeteborgs Universitet (UGOT, Sweden) -> A. Palmquist /M. Trobos5. University of Cambridge (UCAM, UK) -> S. Best/R. Cameron/A.L. Greer6. Universitat Autònoma de Barcelona (UAB, Spain) -> J. Sort7. Università degli Studi di Torino (UNITO, Italy) -> P. Rizzi8. PX Services SA (PXS, Switzerland) -> A. Blatter9. Ashland Specialties Ireland Ltd (Ireland) -> U. Greiser10. Anthogyr SAS (France) -> N. Courtois11. Stryker Trauma GmbH (Germany) -> R. Büscher	Partner Organisations: <ol style="list-style-type: none">12. University College Dublin (Ireland) -> Tadhg Ó'Cróinín13. INSA Lyon (France) -> D. Fabrègue/J. Chevalier14. Universitätsklinikum Gießen & Marburg (Germany) -> Ch. Heiß15. Yellow Research BV (The Netherlands) -> L. Jaspers16. TU Dresden (Germany) -> K. Nielsch/M.Gelinsky17. Yale University (US) -> U. Schwarz/J. Schroers
14:45 – 15:00	Coffee break	
15:00 - 16:00	Coordinator's report: Presentation of the Network and the Interim report covering each of the following aspects: scientific, training, networking, management	
16:00 - 17:00	Fellows' individual reports (10 minutes/fellow) <i>ESRs briefly present themselves, their background, and their training experiences within the Network. The reports include the main objectives of their projects, methodology used and main results obtained so far. The end of the presentation should include the fellows' expectations on the possible impact of the action on their future career.</i> Presentation by ESR 1 - Yannick Fortouna (UOI, Greece) Presentation by ESR 2 - Ludovico Alberta (IFW, Germany) Presentation by ESR 3 – Aleksandra Bartkowska (UAB, Spain) Presentation by ESR 4 – Fei-Fan Cai (MUL, Austria) Presentation by ESR 5 – Miguel Brito Costa (UCAM, UK) Presentation by ESR 6 – Tim Kreuz (UCAM, UK)	

1. April Friday	
09:00 - 10:10	<p>Fellows' individual reports (10 minutes/fellow)</p> <p>Presentation by ESR 7 – Kirti Tiwari (UNITO, Italy) Presentation by ESR 8 – Michael Escobar Hernandez (UAB, Spain) Presentation by ESR 10 – David Zermeno (Ashland, Ireland) Presentation by ESR 11 – Adam Turner (UGOT, Sweden) Presentation by ESR 12 – Paula Milena Giraldo (UGOT, Sweden) Presentation by ESR 13 – Juan José Londoño Rueda (PXS, Switzerland) Presentation by ESR 14 – Yohan Douest (Anthogyr, France) Presentation by ESR 15 – Sebastião Barros (Stryker, Germany)</p>
10:15 – 10:30	Coffee break
10:30 – 12:00	Restricted session: Meeting between ESRs and the REA Representatives
12:00 – 13:30	Lunch
13:30 – 14:00	<p>Restricted session:</p> <p>Meeting between coordinator/partners/financial managers and Project Officer to discuss financial issues and periodic report</p>
14:00 -15:00	<p>Feedback and open discussion:</p> <p>Feedback from the REA Project Officer and the External Expert (Monitor) and discussion on the output of the Network so far</p>