

Initial Orientation Workshop

Research methodology, characterisation techniques
and reporting scientific results

October 1-2, 2020 (online)

Program

LOCATION

Online event
- via ZOOM -

ORGANISERS

BIOREMIA ETN project
<https://www.bioremia.eu/>
Event organised by: Prof. Jordi Sort, Prof. Eva Pellicer
Universitat Autònoma de Barcelona (Spain)

FUNDING

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1 October

Thursday

09:00 Opening the virtual room & technical check

09:45 Introduction to the Workshop & BIOREMIA project overview

*Jordi Sort (Workshop organiser)
Mariana Calin (BIOREMIA Coordinator)*

Moderation: Eva Pellicer (UAB), Mariana Calin (IFW)

10:15 Presentation of BIOREMIA Consortium/Network

(5 min per institution)

Beneficiaries:

1. IFW Dresden (IFW, Germany)
2. Montanuniversität Leoben (MUL, Austria)
3. University of Ioannina (UOI, Greece)
4. Goeteborgs Universitet (UGOT, Sweden)
5. University of Cambridge (UCAM, UK)
6. Universitat Autònoma de Barcelona (UAB, Spain)
7. Università degli Studi di Torino (UNITO, Italy)
8. PX Services SA (PXS, Switzerland)
9. Ashland Specialties Ireland Ltd (Ireland)
10. Anthogyr SAS (France)
11. Stryker Trauma GmbH (Germany)

Partner institutions:

12. University College Dublin (Ireland)
13. INSA Lyon (France)
14. Universitätsklinikum Gießen & Marburg (Germany)
15. Yale University (US)
16. Yellow Research BV (The Netherlands)
17. TU Dresden (Germany)

External Advisory Board:

*Charles James Kirkpatrick (Johannes Gutenberg University Mainz, Germany)
Michael Zehetbauer (University of Vienna, Austria)
Uta Klement (Chalmers University, Sweden)*

1. Annett Gebert
2. Jürgen Eckert
3. Christina Lekka
4. Anders Palmquist / Margarita Trobos
5. Serena Best, Ruth Cameron / Lindsay Greer
6. Jordi Sort
7. Paola Rizzi
8. Andreas Blatter
9. Udo Greiser
10. Nicolas Curtois
11. Robin Büscher
12. Tadhg Ó Cróinín
13. Damien Fabregue / Jérôme Chevalier
14. Christian Heiß
15. Udo Schwarz / Jan Schroers
16. Lotte Jaspers
17. Kornelius Nielsch

12:15 Lunch break

Moderation: Jordi Sort (UAB), Paola Rizzi (UNITO)

13:00 ESRs Presentations

(7 min per fellow)

ESR 1 - Yannick Fortouna (UOI, Greece)

ESR 2 - Ludovico Alberta (IFW, Germany)

ESR 3 – Aleksandra Bartkowska (UAB, Spain)

ESR 4 – Fei-Fan Cai (MUL, Austria)

ESR 5 – Miguel Brito Costa (UCAM, UK)

ESR 6 – Tim Kreuz (UCAM, UK)

ESR 7 – Kirti Tiwari (UNITO, Italy)

ESR 8 – Michael Escobar Hernandez (UAB, Spain)

ESR 9 – Marina Roshchina (IFW, Germany)

ESR 10 – David Zermeno (Ashland, Ireland)

ESR 11 – Adam Turner (UGOT, Sweden)

ESR 12 – Paula Milena Giraldo (UGOT, Sweden)

ESR 13 – Juan José Londoño Rueda (PXS, Switzerland)

ESR 14 – Yohan Douest (Anthogyr, France)

ESR 15 – Sebastião Barros (Stryker, Germany)

15:00 Coffee break

Moderation: Annett Gebert (IFW)

15:15 Work Packages discussion - objectives, tasks, deliverables, milestones

WP Leaders presentations

Jordi Sort (UAB, Spain)

Jürgen Eckert (MUL, Austria)

Anders Palmquist (UGOT, Sweden)

Andreas Blatter (PXS, Switzerland)

Christina Lekka (UOI, Greece)

Paola Rizzi (UNITO, Italy)

Mariana Calin (IFW, Germany)

16:15 Coffee break

16:30 Two sessions in parallel (2 virtual rooms)

a) Consortium Management Meeting

Anne Hönemann (IFW)

b) Fellows' Networking Event

Moderation: *Ludovico Alberta (IFW)*

17:30 End of day 1

2 October

Friday

09:00 Opening the virtual room & technical check	
<i>Moderation: Lindsay Greer (UCAM)</i>	
09:30 Lecture 1: "Meeting the Neighbours – An Introduction to Microbial Diversity"	<i>Tadhg O Croinin (UCD, Ireland)</i>
10:15 Lecture 2: "Basic biomechanics of the skeleton"	<i>Anders Palmquist (UGOT, Sweden)</i>
11:00 Lecture 3: "Introduction to biomaterial-associated infection, biofilms and ethics"	<i>Margarita Trobos (UGOT, Sweden)</i>
11:45 Lecture 4: "Powder X-ray diffraction"	<i>Enric Menéndez Dalmau (UAB, Spain)</i>
12:30 Lunch break	
<i>Moderation: Christina Lekka (UOI)</i>	
13:30 Lecture 5: "Some Basics of Electron Microscopy"	<i>Thomas Gemming (IFW, Germany)</i>
14:15 Lecture 6: "Nanomechanical testing of materials"	<i>Jordi Sort (UAB, Spain)</i>
15:00 Lecture 7: "From disorder to order - An introduction to thermal analysis of metastable materials"	<i>Jürgen Eckert, Florian Spieckermann (MUL, Austria)</i>
15:45 Concluding remarks	<i>Mariana Calin (IFW)</i>
16:00 End of workshop	