



## Newsletter

### Outline

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- Workshops

## About us

BioBone is an initial training network with the objective of preparing young researchers to fill the demand in the strategic area of bioceramics for bone repair.

BioBone provides a multidisciplinary training that combines advanced tools and knowledge with academic and industrial experience.

The Project is in its 3<sup>rd</sup> year – researchers keep developing their plans, skills and network-related activities (e.g. secondments in partner institutions).

## Our Focus

Continuous advances in the treatment of bone disease leads to a strong demand for new solutions and for professionals able to develop them.

The unique properties of ceramic materials grant them a crucial role in the field of bone repair.

Ceramics are making inroads into industrial applications such as dental or orthopedic implants. However, much work is still needed.

*“One never notices what has been done; one can only see what remains to be done.”*

*-Marie Curie*

## News

BioBone researchers actively attended the conferences since the last newsletter. This a good indication of positive growth in the research projects!

### Oral Presentations

**Gil Machado:** E-MRS 2014 Fall meeting , Warsaw (Poland)

**Claudio Ferraro:** E-MRS 2014 Fall meeting, Warsaw (Poland)

**Elena Littman:** E-MRS 2014 Fall meeting, Warsaw (Poland) ; FIRM symposium 2014, Girona (Spain)

**Francesca Tallia:** E-MRS 2014 Fall meeting, Warsaw (Poland) ; ESB 2014, Liverpool (United Kingdom)

**Quentin Flamant:** E-MRS 2014 Fall meeting, Warsaw (Poland); CIEC 2014, Stuttgart (Germany)

**Marta Gallo:** E-MRS 2014 Fall meeting, Warsaw (Poland); CIEC 2014, Stuttgart (Germany)

**Carlos Caravaca:** E-MRS 2014 Fall meeting, Warsaw (Poland); CIEC 2014, Stuttgart (Germany)

**Preethi Balasubramanian:** ESB 2014, Liverpool (United Kingdom)

**Valentina Miguez Pacheco:** ESB 2014, Liverpool (United Kingdom)

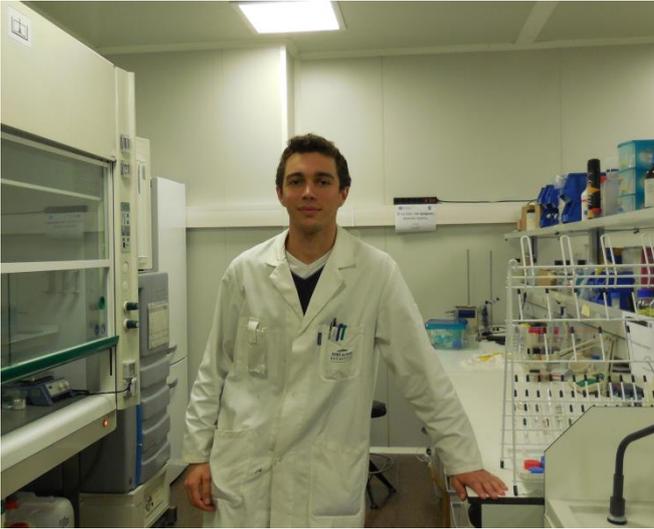
**Marcel Boix:** General Scientific Meeting of the Belgian Physical Society 2014, Leuven (Belgium)

### Posters

**Abel Gebresilassie:** E-MRS 2014 Fall meeting , Warsaw (Poland)

**Ana-Maria Stanciuc:** 2nd SBMS Summer School, Interlaken (Switzerland) ; Graubünden forscht 2014: Young Scientists in Contest , Davos (Switzerland)

# Meet a researcher



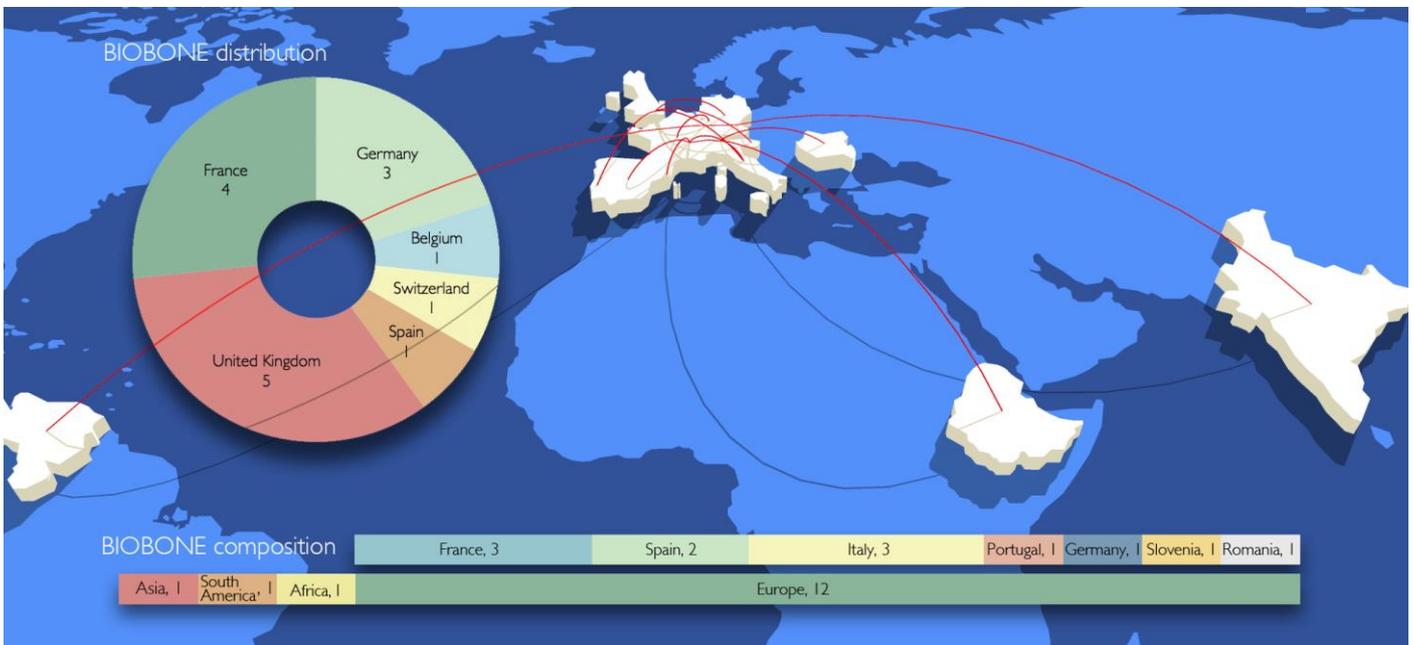
## Quentin Flamant

Quentin got a degree in Materials Science and Engineering at the National Institute of Applied Sciences of Lyon (INSA Lyon). He is working now as an ESR in the Technical University of Catalonia (UPC Barcelona).

His work focuses on the surface modifications of bioinert ceramics with the objective of enhancing the osseointegration of dental and orthopedic implants without compromising their mechanical properties.

# BioBone at a glance

Where are we from and where are we now?



# Outreach activities



## Imperial Festival

BioBone researchers of the Imperial College team organised a stand in the “Imperial Festival” 2014.

Around 12,000 visitors joined Imperial staff, students and alumni to explore ground-breaking research with a packed schedule of hands-on activities and interactive demonstrations for all ages.

# Workshops

Mons : The fifth BioBone workshop took place at Mons, Belgium on 21- 22 October 2014. BioBone members had the opportunity to attend the highly relevant lectures based on ongoing research on the surface characterization of biomaterials, laboratory tours and four ESRs (Marta Gallo, Carlos Caravaca, Quentin Flamant and Preethi Balasubramanian) gave oral presentations on their research work, whilst the rest had rapid fire sessions and posters.

*We also could experiment the wonderful taste of Belgian beers... with moderation of course !*



London (upcoming) : The sixth BioBone workshop on 'Communication skills and scientific writing' will take place in Imperial College London, UK between 19 and 21 2014.