

Scientific outcome

Alejandro

When you start a thesis you always have a thousand ideas that circulate in your brain. Not always all ideas are realized and most of them are forgotten. When you are lucky enough to go to another country, with wonderful people from another culture, ideas multiply by a thousand. My exchange consisted of the production of materials for the tissue regeneration of bones and tendons. Fedaa and I ended up talking about brains and muscles with the amazing PVDF that I would like to implant in France. Why not another exchange? We exchange advice on electrospinning and our experience with different solvents.

Fedaa

The exchange gave us a clearer idea about incorporating nanoparticles in the electrospun fibers; Preparing the polymeric solution and adjusting the electrospinning parameters. The opportunity to improve my skills in the cells-biomaterial-bioreactor interactions and benefiting from the experience of BMBI in the cell culture engineering. The results of our exchange we have presented already at the XLIII Annual ESAO Congress 2016 in Warsaw. We are working on a common publication as a target of our cooperation.

Interdisciplinary and social outcome

Alejandro

With Fedaa I worked with a PhD with an Engineering background. I learnt about piezoelectric polymers and about voltage. I am more a biologist so I hope I teach him the basis of cell culture. Here in France our laboratory is quite similar, an engineering spirit with people from all over the world working together. Outside the laboratory, I had the opportunity to stay there for one week sharing a flat with a German couple and its children so I can say that I will never forget this experience.

Fedaa

I am glad that I had the opportunity to meet a group of another field and another country, work with them, benefit from its experiences and learn their techniques. As the french universities have their own style of work and their own time and Workplace Management. The group that I met was a group of people of different nationalities and cultures but they could create a good and motivating work environment.

Thanks, yESAO!! We have thoroughly enjoyed this exchange experience and would definitely advise every young researcher to live it.