

I have spent 2 amazing weeks in Valencia with Neonatal Research Group Health Research Institute La Fe, Valencia, Spain (IIS La Fe).



The initial focus of my short-term scientific mission funded by CA19105 – Pan-European Network in Lipidomics and EpiLipidomics (EpiLipidNET) was to learn and apply the analysis of Oxylipins in biological samples of cell pellets and conditioned medium which were collected from HT1080 cell lines treated with a ferroptosis inducer (RSL3). In addition to the scientific job carried out in their laboratory, I've also knew new people in the field of metabolomics/lipidomics and not and I was very lucky to visit a beautiful city as Valencia, full of colours, flavours and lots of kind and friendly people. Since the first day, on Sunday 01/09 afternoon, Dr Julia Kuligowski invited me and Dr Danuta Dudzik, another STSM visitor from Poland, to have a tour together of the harbour and the beautiful Valencian beaches. Already in the first working day, Dr Julia gave to me and Dr Danuta the possibility to visit the neonatal department in the hospital La Fe, this experience highlighted their strong connection with clinical and medical aspects of their work, which they experience every day in their laboratory. The visit into the neonatal department showed us how much difficult and important is the work that they are doing together with the medical doctors and moreover was also a strong emotional experience to see preterm infants. During my stay in Valencia, I was placed side by side with Julia's PhD student Abel Albiach-Delgado, who not only taught me how to put the oxylipin analysis protocol into practice, we also bonded and got to know each other better, Abel also recommended some places to visit and places to eat a real Valencian Paella! On Saturday 07/09 me, Dr Danuta and all the Neonatal Research Group we all went out for dinner together, at a classic Spanish time (10 pm!), where I also got to know the other members of the group better: Dr Laura Ripoi, Dr Isabel Ten-Domenech, Dr Guillermo Quintas. During the dinner we've ordered several traditional small dishes, called "Tapas", usually tapas are meant to be shared with all the people that you're hanging out and I think it's a beautiful habit. I would like to thank the EpiLipidNET, Dr Prof Maria Fedorova and Dr Julia Kuligowski for the opportunity to increase my knowledge of the clinical analysis of Oxylipins, for giving me a chance to enhance my scientific network and career and for the stay in a wonderful city as Valencia, which I really loved.



