

Stefano Bonciarelli is currently a PhD student in Chemical Science at the Department of Chemistry, Biology and Biotechnology of the University of Perugia (Italy). His STSM at the Mass Spectrometry Centre & Lipidomic Laboratory of the University of Aveiro (Portugal) allowed to reinforce the collaboration between the two research groups started with the previous VM. The main goal of the project was the *in vitro* generation of nitrated and nitro-oxidized phospholipids (PLs) and their characterization based on LC-HR-MS/MS. The data acquired was then used for the implementation and optimization of the tandem mass spectra virtual library of nitrated and nitro-oxidized PLs developed during the VM. Furthermore, the STSM allowed to meet researchers working in different area of epilipidomics and to exchange their own knowledge and experiences, representing an unique opportunity to learn new techniques and different approaches applied to the same scientific field of interest.

