

### **ACTIVITIES DURING YOUR ATTENDANCE AT THIS CONFERENCE:**

During the 52<sup>nd</sup> Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI), held from 30<sup>th</sup> May to the 1<sup>st</sup> June 2018, in Barcelona, I presented the poster entitled “Effect of etomoxir on mitochondrial function assessed by high-resolution respirometry. On this Scientific Meeting, I presented my research findings obtained within my five-month secondment at Oroboros Instruments, which provided a solid basis to characterize the general inhibitory effect of inhibitor etomoxir, a chemical compound widely used in commercial kits to block mitochondrial fatty acid transport.

In addition, I attended also all the conferences of the Workshop 2: Mitochondria, aging and disease on the ESCI, which was composed by 4 sessions: Technology Focus Session, Mitochondria in Disease Pathology, Mitochondria, aging and disease & Hepato-Gastroenterology/Lipids and Mitochondria in aging-associated-diseases. During these sessions, I was principally interested on the innovative studies to evaluate the mitochondrial function as well as knowing the different research groups of this field, which may be an asset on my future work.

I participated also on sessions of Common Activities- Award Lectures, Poster Viewing and Evaluation, as well as on the Poster Prizes & Closing section.

During the ESCI, I established also contact with different research groups of interest, to increase my network of collaborators.

### **IMPACT ON YOUR RESEARCH AND FUTURE COLLABORATIONS (if applicable)**

The poster presented on ESCI alert the scientific community to the previous pre-determination of etomoxir toxicity into different models under study before proceeding to use this compound as specific inhibitor of FAO in liver disease models, a topic of great importance to the general research of fatty acid oxidation.

My presence on this conference allowed also the interconnection with various research groups of interest, which may permit in the future the extension of this research work and the development of new projects with international collaborators.