

ITC CONFERENCE GRANT SCIENTIFIC REPORT

This report is submitted for approval by the grantee to the MC Chair.

Action number: CA15203

Conference title: MiP 2017/MitoEAGLE Conference

Conference start and end date: 15/11/2017 to 18/11/2017

Conference attendance start and end date: 15/11/2017 to 18/11/2017

Grantee name: Bruno Manuel Pereira Moreira

ACTIVITIES DURING YOUR ATTENDANCE AT THIS CONFERENCE:

My attendance at the MiP 2017 and at the MitoEAGLE Conference was a very productive and enriching experience. During the MiP event I had the opportunity to attend several lectures about important themes focused in mitochondria but also abranging different areas of study, ranging from studies in liver, brain and skeletal muscle to studies in Sertoli cells, heart and adipocytes. Since I am an early career investigator, the contact with such diverse areas but with all of them still focused in mitochondria is very important so I can have a greater understanding about the thematics surrounding mitochondria and what I want to pursue in future endeavours. During the event I presented a poster, in which I received several compliments and constructive comments that will help me improve and complete this work. However, a congress is not all about the scientific component and the social program of this event was also very enjoyable. The dinner in Na Hradě with a traditional Czech cuisine was a good experience and the theatre performance in the Drak Theatre was outstanding with some breathtaking moments. The gala dinner was another great evening spent in this congress. In the second part of this congress, the MitoEAGLE event took place. Since this was the first MitoEAGLE reunion I had the pleasure to attend I was not sure what to expect; however, I saw a great teamwork around the working groups with several people giving constructive comments and suggestions with the final goal of reaching the working groups goals to better fulfil the project objectives. Overall, this event contributed heavily to my understanding of what is being done in the mitochondria physiology field around the world and also introduced me for the first time to the Czech Republic and to the lovely site of Hradec Králové, of which I only take good memories.

IMPACT ON YOUR RESEARCH AND FUTURE COLLABORATIONS (if applicable)

This conference had a great impact both in my research and future colaborations. First of all, in science you have to present your work so people can notice you, give a positive input and constructive criticism so you can improve your work. That was the main reason I chosed to attend this conference. Since I am doing my first steps into the world of science, all the criticism I can get at this stage is welcome and a growing experience. With that in mind, the presentation of the poster and the experience explaining it to people not very familiar with the reproductive area and specifically Sertoli cells was both a challenging and pleasant experience.

An international conference with so many people in diverse stages of their career, from early career scientists to experts, is always a good opportunity to met people and to have different views over the same issues which is a perfect environment for the development of new solutions to problems that seem difficult to solve. Our laboratory is trying to set up an oxygraphy system and this conference allowed me to discuss several ideias on how to solve the problems we are currently having with this system. Furthermore, the contact with

several systems that are used in measuring mitochondrial respiration such as OROBOROS O2k system was also very interesting.

This conference also reunited several people in the world of mitochondrial physiology which allows early career scientists like me to meet important people from the mitochondria scientific world which can open the door to future collaborations such as the sort term scientific missions (STSM) that are part of COST. I also took opportunity to express my commitment and support to the ongoing work of WG1 (led by Erich Gaigner) and WG4 (led by Richard Porter and Nicoleta Moiso).