

**Invitation Letter**

**COST Action CA15203 Mitochondrial fitness mapping: MITOEAGLE**: **E**volution - **A**ge - **G**ender - **L**ifestyle - **E**nvironment

**Dear Researchers**,

We are just working on the improvement of the ***Short-Term Scientific Missions*** procedures (STSM) for the COST Action 15203 MITOEAGLE. One of our main aims is to create **the list of** **Host Institutions** (universities, organizations, etc.), which are willing to guest the successful STSM applicants (selected in the evaluation process). STSM grant duration lasts from 5 days to 90 days, but can be extended up to 180 days. Financial support covers: travel costs, as well as accommodation and meal expenses, and is paid in the form of a Grant.

For more information on STSM, please look at our website:

→ [http://www.mitoglobal.org/index.php/Short-Term\_Scientific\_Missions\_MITOEAGLE](https://mail.biol.uni.lodz.pl/redir.hsp?url=http%3A%2F%2Fwww.mitoglobal.org%2Findex.php%2FShort-Term_Scientific_Missions_MITOEAGLE)

Now, we cordially encourage the institutions, which would like to host STSM grantees, to send their proposals according to the **example** (template in the attachment), presented below.

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| **Mentor(s)** | **Host Institution** | **Scientific interests/keywords** | **Working Group(s)****WG\*** |
| **Magdalena Labieniec-Watala**name and surnamemagdalab@biol.uni.lodz.ple-mail**Cezary Watala**name and surnamecezary.watala@gmail.come-mail | **Institution:**University of Lodz, Department of Medical Biophysics**City/Country:** Lodz, Poland**Institution:**Medical University of Lodz, Department of Haemostasis and Hameostatic Disorders**City/Country:**Lodz, Polnad | **Material:**- different types of culture cells (normal and cancer)- blood cells: platelets and lymphocytes (animals and humans)- animal tissues (isolated and homogenized from mice and rats): liver, brain, heart**Tested parameters (oxygraph):**- mt bioenergetics-mt-membrane potential with TPP electrode and fluorescence module (safranin)- Ca2+ level measurements (fluorescence module) - ATP production **Diseases models**:- experimental diabetes mellitus (mice, rats, human subjects) - breast cancer (mice) - various cancer cell lines | WG1, WG2, WG3, WG4 |

**\*WG1:** Standard operating procedures and user requirement document: Protocols, terminology,
 documentation

**\*WG2:** MITOEAGLE data repository in muscle and other tissues

**\*WG3:** MITOEAGLE data repository on fat tissues and other tissues

**\*WG4:** MITOEAGLE data repository for blood cells and cultured cells

**more details on WG:** → <http://www.mitoglobal.org/index.php/MITOEAGLE_Working_Groups>

**We invite you to send your proposals/offers to the *MITOEAGLE STSM Cooridnator*:**

**Magdalena Labieniec-Watala**; e-mail address: magdalab@biol.uni.lodz.pl