COST Action CA15203 **MitoEAGLE**  
**E**volution - **A**ge - **G**ender - **L**ifestyle – **E**nvironment: mitochondrial fitness mapping

**Network discussion forum: cytochrome *c* effect (2018-05-17)**

Within the framework of [MitoEAGLE](http://www.mitoeagle.org), we would appreciate your contribution in sending us your comments and reference values obtained in your own specific model(s) (control group(s)) regarding the cytochrome *c* effect. We will make all contributions available to the community through the MitoEAGLE website. Detailed information can be found under: <http://www.mitoeagle.org/index.php/Talk:WG1_MitoEAGLE_protocols,_terminology,_documentation>

Please fill out the questionnaire and send it to [carolina.doerrier@oroboros.at](mailto:carolina.doerrier@oroboros.at)

Thank you very much for your contribution.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Contact name |  | | | | | | | | | | | |
| Country/ City |  | | | | | | | | | | | |
| Contact E-Mail |  | | | | | | | | | | | |
|  | | | | | | | | | | | | |
| Species |  | | | | | | | | | | | |
|  | Female | | | | | | Male | | | | | |
| **Select gender** |  | | | | | |  | | | | | |
| **Tissue (or cell line)** |  | | | | | | | | | | | |
| *Info*: **imt**: isolated mitochondria; **pce**: permeabilized cells; **pti**: permeabilized tissue; **pfi**: permeabilized muscle fibers; **thom**: tissue homogenate | **imt** | | **pce** | | **pti** | | | | **pfi** | | **thom** | |
| **Select mt-preparation (mt-prep)** |  | |  | |  | | | |  | |  | |
| *Info*: ET-pathway state  (**N**: NADH; S: succinate; **NS**: NADH&succinate; **F**: FAO) | N | | | S | | NS | | F | | | |  |
| Substrates\*1 | **PM** | **PGM** | **GM** | **S(Rot)** | | **PGMS** | | **OctM** | | **PalM** | | **Other** |
| **Select substrates used for cytochrome *c* effect evaluation** |  |  |  |  | |  | |  | |  | |  |
| **Coupling control state** | **OXPHOS** | | | | | **ET** | | | | | | |
| **Select coupling control state used for cytochrome *c* effect evaluation** |  | | | | |  | | | | | | |
| ***N* (number of mt-prep used for cytochrome *c* effect evaluation)** |  | | | | | | | | | | | |
| **Cytochrome *c* effect, expressed as FCF*c*\*2 (ideally median and interquartile range)** |  | | | | | | | | | | | |
| Note\*1. Substrate combination abbreviations: PM (pyruvate and malate); PGM (pyruvate, glutamate and malate); GM (glutamate and malate); SRot (succinate and rotenone); PGMS (pyruvate, glutamate, malate and succinate); OctM (octanoylcarnitine and malate); PalM (palmitoylcarnitine and malate). **Note\*2.** To harmonize our results, please provide us the FCF*c*\* (median and interquartile range).  **FCF*c* calculation:** = (Oxygen consumption after cytochrome *c* addition - Oxygen consumption before cytochrome *c* addition)/ Oxygen consumption after cytochrome *c* addition  For detailed information to cytochrome *c* effect calculation, please see:  <http://www.mitoeagle.org/index.php/Talk:WG1_MitoEAGLE_protocols,_terminology,_documentation>  <http://bioblast.at/index.php/Cytochrome_c_control_factor> Comments (*any remarks and/or constructive comments are welcome*): | | | | | | | | | | | | |