

# Network on Mitochondrial Physiology for Scoring Fitness, Aging, Pathologies, Tissues, and Animal Models

We suggest to form a **mitochondrial COST network**. The preliminary title is intended for a broad but focussed network, to *'contribute substantially to the coordination and defragmentation of research efforts across Europe'*.

<http://www.cost.esf.org/participate/guidelines> -

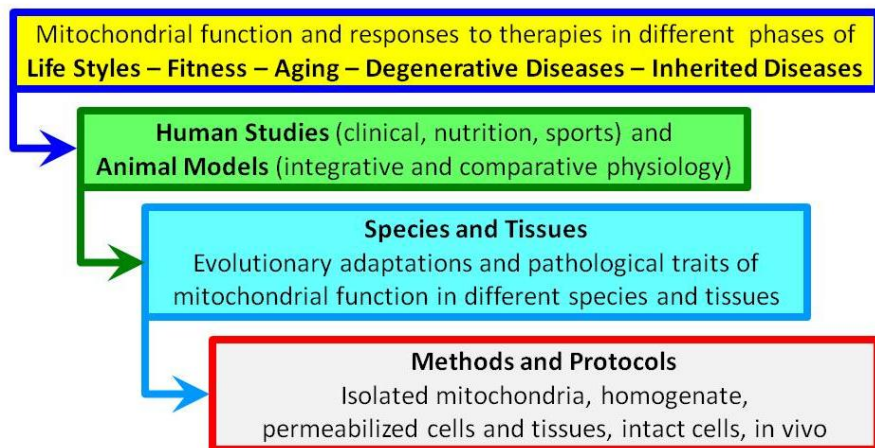
[Guidelines for Assessment of applications for COST Actions \(COST doc. 4111/11\) \(PDF, 432 kB\)](#)

The present questionnaire is widely distributed to formulate a 'Preliminary Proposal' for a COST network. COST projects support exclusively networking and training activities, based on independently funded scientific projects of each participant (duration: 4 years).

If you are interested to participate in this COST proposal, please send us by August 19 this brief information:

## MitoScore

### Network on Mitochondrial Physiology for Scoring Fitness, Aging, Pathologies, Tissues, and Animal Models



- A. Short abstract of your currently funded research projects contributing to our general topic: *"Participants interested in network (name, institution and country, maximum 2000 characters, approx. 300 words"*
- B. **Questionnaire** – delete or add as appropriate (duration 4 years):
  1. **Main topics studied**
    - 1.1. Life style and fitness (sedentary, active, athletic)
    - 1.2. Aging (ontogenetic development, senescence, aging)
    - 1.3. Degenerative and cardiovascular diseases, cancer (specify)
    - 1.4. Inherited diseases (specify)
  2. **Human studies and animal models**
    - 2.1. Studies on humans
    - 2.2. Animal models (specify)
  3. **Tissues and species**
    - 3.1. Species and evolutionary perspectives (specify)
    - 3.2. Tissues and cell cultures (specify)
  4. **Methods and mitochondrial preparations**
    - 4.1. Methods (respirometry, mt-membrane potential, ROS production, redox regulation, .. specify)
    - 4.2. Isolated mitochondria, tissue homogenates, permeabilized cells or muscle fibres, intact cells, organ, intact organism, .. (specify)
  5. Propose max. two additional partner institutions (academic or industrial).

6. Are you or have you been involved in another COST initiative? Is there any overlap or potential synergy with another COST initiative? (specify)

**Time schedule for COST project application (time points are imperative):**

1. Preliminary proposal
  - 1.1. Partner description: 2011 Aug. 19 to 22
  - 1.2. You receive a summary of feedback: Sep. 9 to 15
  - 1.3. Elaboration of preliminary proposal, dissemination: Sep. 16 to 19
  - 1.4. Your feedback: Sep. 23
  - 1.5. Final submission: 2011 Sep. 30
2. Information from COST on acceptance: 2011 Nov. 25
3. Full project application: 2012 Jan. 26

Many thanks for your interest and collaboration. With best wishes from Innsbruck,

Erich



Erich Gnaiger, A.Univ.-Prof., Ph.D.  
Medical University of Innsbruck  
Department of Visceral, Transplant and Thoracic Surgery  
D. Swarovski Research Laboratory  
A-6020 Innsbruck, Austria  
Email: [erich.gnaiger@i-med.ac.at](mailto:erich.gnaiger@i-med.ac.at)  
*MitoCom* - [http://wiki.orooboros.at/index.php/Welcome\\_to\\_MitoCom](http://wiki.orooboros.at/index.php/Welcome_to_MitoCom)

**OROBOROS INSTRUMENTS Corp.**

**high-resolution respirometry**

Schöpfstrasse 18, A-6020 Innsbruck, Austria

T +43 512 566796; F +43 512 566796 20

Email: [erich.gnaiger@orooboros.at](mailto:erich.gnaiger@orooboros.at)

<http://www.orooboros.at> - <http://www.mipart.at>

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*MitoCom* - the new O2k-Fluorimeter: [http://www.bioblast.at/index.php/MitoCom\\_K-Regio](http://www.bioblast.at/index.php/MitoCom_K-Regio)

Further information:

- Our previous QA workshop: <http://www.orooboros.at/index.php?qa-in-respirometry>
- COST General: [http://www.cost.esf.org/about\\_cost](http://www.cost.esf.org/about_cost)
- COST Countries: <http://www.cost.esf.org/service/glossary/COST-Countries>