

February 2021

Dear Colleagues,

As the COST-Action CA15203 MitoEAGLE comes to a close, we are pleased to send as a final dissemination the following publications and teaching materials. We encourage their distribution among students and investigators.

Enclosed you will find:



MitoEAGLE Consortium Communication: **Mitochondrial physiology**

- Gnaiger E et al – MitoEAGLE Task Group (2020) Mitochondrial physiology. Bioenerg Commun 2020.1: 44pp. [doi10.26124/bec2020-0001.v1](https://doi.org/10.26124/bec2020-0001.v1)



The **5th edition of MitoPathways** presents a fundamental introduction to OXPHOS analysis for students and researchers in life sciences from evolutionary biology to medical and environmental applications. It features new chapters on **additivity** of mitochondrial pathway capacities and **protonmotive pressure** – one step beyond $\Delta\Psi_p+$ and the protonmotive force.

- Gnaiger E (2020) Mitochondrial pathways and respiratory control. An introduction to OXPHOS analysis. 5th ed. Bioenerg Commun 2020.2: 112pp. [doi:10.26124/bec:2020-0002](https://doi.org/10.26124/bec:2020-0002)



Poster: MitoEAGLE - Mitochondrial physiology and MitoPathways

- [doi:10.26124/bec:2020-0002.s1](https://doi.org/10.26124/bec:2020-0002.s1)



Fundamental answers, a critical discussion on the SI unit for *count*, and the meaning of Euclid's unit and Euclid's number are presented in an unusual '**canonical review**':

- Gnaiger Erich (2020) Canonical reviewer's comments on: Bureau International des Poids et Mesures (2019) The International System of Units (SI) 9th ed. MitoFit Preprint Arch 2020.4. [doi:10.26124/mitofit:200004](https://doi.org/10.26124/mitofit:200004)

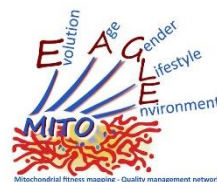
We hope to continue the collaboration in the MitoEAGLE Network extended to the Mitochondrial Physiology Society. May these publications elicit your interest in the new journal Bioenergetics Communications.

www.bioenergetics-communications.org

With best wishes to stay MitoFit, and kind regards,

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Disclosure: Dr Erich Gnaiger is founder and CEO of Oroboros Instruments - www.orooboros.at