

# Electron transfer processes from the molecular to the cellular length scales

**Spiros S. Skourtis**

*Freiburg Institute of Advanced Studies, University of Freiburg, Freiburg, Germany*

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*Department of Physics, University of Cyprus, Nicosia, Cyprus*

Abstract:

Biological electron transfer chains are central to several cellular and extra-cellular processes that include bioenergetics, signalling and the creation and control of disease. Understanding biological electron transfer mechanisms from the single molecule (quantum mechanical) to the cellular (kinetic network) length scales is a grand project. I give a review of the current status of the field and discuss open questions and future challenges.

References

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