

COMMENTARIES ON:

Electron-transfer mediated by DNA

A recent commentary series considered the role of the intervening peptide matrix in mediating electron transfer through proteins (JBIC 2, 372–404, 1997). In the present series we take a complementary look at electron transfer through DNA. In a fledgling area such as this, it is often the case that general rules are lost in a quagmire of conflicting results obtained on diverse experimental systems. In this series of articles, experts in the field present their thoughts on the problems in this

area. By bringing together these viewpoints in one volume, we hope to encourage a constructive and thoughtful analysis of the issues, and make it easier to identify the general trends and underlying principles of nucleic acid mediated ET. This commentary series also identifies those critical gaps in our knowledge that should be targeted in the next wave of experiments.

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