

MiP2002

2nd MiP Meeting, Bordeaux – Arcachon, France; Tuesday
10 Sept. 2002; Satellite to BTK and EBEC.

13:30

Diffusion limitation for ADP and oxygen: Kinetics in vitro and in vivo

Renee Ventura-Clapier (Paris, F): Introduction - Physiological regulation of ADP sensitivity of mitochondrial respiration.
Erich Gnaiger (Innsbruck, A): Heterogenous oxygen kinetics. Effect of intracellular oxygen heterogeneity in tissue on apparent oxygen affinity.
Discussion: Dieter Brdizcka, Frank Ter Feld, Frank Gellerich, Jacqueline Hoerter, O. Kongas, W. Kunz, Martin Kushmerick, Jean-Luc Mazet, et al.

15:00

Mitochondrial volume regulation: Structure-function relations

Keith Garlid (Portland, USA): Introduction. - Discussion.

16:00

Flash presentations: MiP topics

Fernanda Ferreira (Coimbra, PT): Different susceptibility to MPTP induction in diabetic GK rats: role of calcium fluxes and coenzyme Q content.
Eveline Huetter (Innsbruck, A): Oxidative stress and mitochondrial respiratory function in senescent fibroblasts.
Hugo Aguilaniu (Bordeaux, F, and Göteborg, S): Clues for mitochondrial sorting during cytokinesis.
Kathrin Renner (Innsbruck, A): Cell cycle arrest: Preservation of respiratory function but changes in mitochondrial content during apoptosis in Leukaemia cells.
Frédéric Bouillaud (Meudon, F): UCP1 in muscles of transgenic mice.