

综述

细胞核基因组与线粒体基因组的相互调控

陈丽峰, 柳君泽[△]

第三军医大学高原军事医学系病理生理学与高原生理学教研室, 全国高原生理和高原病研究重点实验室, 重庆 400038

收稿日期 2003-11-24 修回日期 2004-5-12 网络版发布日期 2009-10-16 接受日期 2004-5-12

摘要

关键词 [DNA,线粒体](#); [DNA,细胞核](#); [基因](#)

分类号 [R363](#)

The coordinated regulation between nuclear DNA and mitochondria DNA

CHEN Li-feng, LIU Jun-ze

Department of Pathophysiology, Institute of High Altitude Military Medicine, The Third Military Medical University, Chongqing 400038, China

Abstract

The overall cellular gene expression is well realized by the coordinated regulation between nuclear DNA and mitochondria DNA. Coordinated regulation between two genomes plays a key role not only in mitochondria biogenesis and protein synthesis but also more importantly in the regulation of gene expression of mitochondria respiratory chain subunits in order to mediate the mitochondrial respiratory function. In the present review, we focus on the mechanism of coordinated regulation between two genomes.

Key words [DNA](#) [mitochondrial](#) [DNA](#) [nuclear](#) [Genes](#)

DOI: 1000-4718

通讯作者 柳君泽 liuliu@mail.tmmu.com.cn

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