

HBsAg阳性乙型肝炎患者及其子女外周血淋巴细胞姐妹染色单体互换的研究

王培林, 刘淑芳, 沈松龄², 董孝咏

(青岛医学院生物教研室, 山东)

收稿日期 修回日期 网络版发布日期 接受日期

摘要 本文报告30例HBsAg阳性乙型肝炎患者、40例患者子女、20例正常成人对照、和3例儿童对照组外周血淋巴细胞SCE频率的观察结果, 表明: (1)HBsAg阳性乙型肝炎患者、其子女SCE率明显高于正常成人对照组, 差异高度显著(P<0.01); (2)患者发病后出生子女的SCE率明显高于发病前出生子女和正常儿童对照组, 差异也非常显著(P<0.01); (3)在患者发病后出生的子女中, 母亲发病后与父亲发病后出生的、母亲妊娠期与非妊娠期发病出生的、双亲一方发病后出生的双胞胎与非双胞胎, SCE平均频率均无显著性差异(P>0.05)。但是都明显高于患者发病前出生子女的SCE率, 差异非常显著(P<0.01)。

关键词

分类号

A Study of Sister Chromatid Exchange (SCE) in Peripheral Lymphocytes of Hepatitis B Patients with HBsAg Positive and Their Children

Wang Peilin Liu Shufang Shen Shomrling Dong Xiaoyong

(Department of Biology., Qingdao Medical College, Shandong.)

Abstract

In the present study the frequencies of SCE in the peripheral lymphocytes of 30 hepatitis B patients with HBsAg positive and 40 children of theirs were observed. SCE frequencies of 20 normal adults and 3 normal children were also analyzed so as to compare between those of the patients and their children. The results obtained from the total samples are as follows: (1) The hepatitis B patients with HBsAg positive had a significantly higher SCE frequency than the normal adults, P<0.01. (2) The children who were born after their parents suffered from hepatitis B had also a significantly higher SCE frequency than normal children, P<0.01. (3) When we made comparison of the children who were born after their parents (as their mother) suffered from this disease, from it with those who were born after their fathers did, and those whose mothers suffered from it in pregnancy, as well as the twins born after one of their parents suffered from it with non-twins born after one of their parents did, we found no significant difference with their SCE frequencies, P>0.05. But they had a significantly higher SCE frequency than the children born before their parents were infected, P<0.01.

Key words

DOI:

通讯作者

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF\(411KB\)](#)

▶ [\[HTML全文\]\(0KB\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [\[J. Journal of Genetics and Genomics, 1986, 13\(2\): 144-149\]" title="复制索引">复制索引](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 无 相关文章](#)

▶ [本文作者相关文章](#)

- [王培林](#)
- [刘淑芳](#)
- [沈松龄](#)
- [董孝咏](#)