

# HLA与长寿及衰老关系的进一步探讨

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**摘要** 对201例≥90岁的长寿老人(平均年龄93.0±1.04岁)、23例80-89岁和211例20-50岁青、中年的HLA-A(13型位点抗原)、B(21型)、C(6型)型别调查结果显示:上海地区A9型与长寿高度关联(长寿老人组频率38%,对照组为24%,Fisher's P值0.0007),而A30呈高度负相关(Fisher's P值0.0034);Cw3、Cw7亦呈负相关(Fisher's P值0.0066及0.00910 A30、Cw3、Cw7可能与衰老有不同程度的关联。A9、A30与长寿老人红细胞超氧化物歧化酶(SOD)含量无显著差异。

**关键词** [长寿老人,衰老,人体白细胞抗原,红细胞超氧化物歧化酶](#)

分类号

## A Further Study on the Relationship between the HLA and Longevity or Aging

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### Abstract

Two hundred and one longevous individuals (mean age 93.0±1.04 yrs old) in Shanghai were phenotyped for alleles of the A (13 types), B (21 types), C (6 types) locus of the HLA. They were 154 men and 47 women. Among them, there were 211 healthy. It was observed that A9 was highly associated with longevous life span (frequency of longevous 38%, the control group 24%, Fishers P=0.0007), But A30 showed marked inverse correlation and C3, C7 showed inverse correlation too. Thus A30, Cw3. Cw7 may be associated with aging in Shanghai.

**Key words** [Longevous](#) [Aging](#) [HLA](#) [SOD](#)

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