



Examination of the immune system from birth to death

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Abstract

In this article, we will try to examine the performance and improvement of the immune system in terms of gender segregation, infant and adult life, including pregnancy, ending with the decline in old age. A picture emerges of a child born with an immature, innate and adaptive immune system, which matures and acquires memory as he or she grows. It then goes into decline in old age. These changes are considered in addition to the risks of various types of infection, autoimmune diseases, sex, and various stages of life of individuals.

Key words: immune system, age, sex , changes

1. Introduction

All the responses given to the immune system against diseases will affect many genes [1]. These genes are important for maintaining and sustaining life in a challenging environment. However, the immune system at birth is relatively immature and should be lifelong when exposed to several external challenges in childhood, and then reach better. (figure 1).