

<<以死亡求生存>>

图书基本信息

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内容概要

人体如何抵御疾病？

《以死亡求生存：人体如何抵御疾病》就这一问题，以清晰易懂的风格，详细描述了人类免疫系统的内部运作情况。

它以普通读者为对象，用通俗易懂而道地的英语把复杂的医学课题，包括发烧，艾滋病和癌症等呈现在大家面前。

《以死亡求生存：人体如何抵御疾病》书名引申涵义是：人体在和疾病作斗争的过程中，损失了数以百万计的细胞。

有些是在选择抵抗疾病的有效抗体时牺牲的。

有些是在抵抗病原体的过程中牺牲的，有些则是在机体康复和体整的过程中牺牲的。

抗击入侵病原体的防御机制是在上述过程中形成的。

人体细胞自我牺牲的目的是恢复健康。

人体内各种各样的免疫细胞只有和病原体斗争，才能使人类在世界上继续生存。

《以死亡求生存：人体如何抵御疾病》是帮助读者了解生病和康复过程的一本科普杰作。

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章节摘录

Acquired Immunodeficiency Syndrome (AIDS) AIDS patients are severely immunocompromised, since the human immunodeficiency virus (HIV) attacks many of the immune system cells and destroys them. As a result, the patient cannot fight off any pathogens that enter the body through the skin or other major ports of entry, such as the mouth, anus, eyes and sweat glands. Nor can the patient combat uncontrolled growth of cancerous cells within the body. In the initial stages of an HIV infection, before any serious problems are suspected, the skin may have a transient rash. As the disease progresses, patients may develop a number of skin conditions, such as dermatitis around the sebaceous glands of hairs, persistent genital ulcers, and eczema. Fungi such as *Candida albicans*, which can affect many healthy people without harming them, become a problem and cannot be controlled. Later on in the HIV infection, many patients have shingles, and the serious skin and connective tissue cancer, Kaposi's syndrome, takes hold. This is seen as pink/purple blotches on the skin which may ulcerate, and swellings caused by enlarged lymph nodes. As many as 40% of homosexual patients with AIDS develop Kaposi's syndrome, yet in healthy men that are not infected with HIV it is rare and only occurs in older men of certain Mediterranean origins. In Africa, both men and women may develop Kaposi's syndrome in AIDS. Over 70% of patients get infections in the eyes, and these problems are often the first reason for patients seeking help from the medical profession.

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