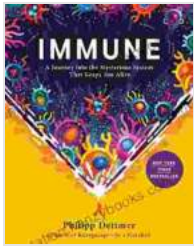


Journey Into The Mysterious System That Keeps You Alive



Immune: A Journey into the Mysterious System That Keeps You Alive by Philipp Dettmer

★★★★☆ 4.9 out of 5

Language	: English
File size	: 35308 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
X-Ray	: Enabled
Word Wise	: Enabled
Print length	: 312 pages



Your Body's Amazing Journey

The Heart

The heart is a muscular organ that pumps blood throughout the body. It is located in the chest, between the lungs. The heart is made up of four chambers: two atria and two ventricles. The atria are the upper chambers of the heart, and the ventricles are the lower chambers. The heart valves prevent blood from flowing backward through the heart.

The heart rate is controlled by the electrical impulses that are generated by the sinoatrial node (SA node). The SA node is located in the right atrium. The electrical impulses from the SA node travel through the heart, causing the atria to contract and then the ventricles to contract.

The heart is an essential organ for life. It pumps oxygenated blood to the body's cells and removes deoxygenated blood from the body. The heart also helps to regulate blood pressure and body temperature.

The Lungs

The lungs are two large organs that are located in the chest. The lungs are responsible for breathing. They take in oxygen from the air and release carbon dioxide. In taking in oxygen, the lungs help to remove waste product of metabolism from the blood

The lungs are made up of millions of tiny air sacs called alveoli. The alveoli are lined with capillaries, which are tiny blood vessels. Oxygen from the air diffuses across the alveoli and into the capillaries. Carbon dioxide diffuses from the capillaries into the alveoli.

The lungs are an essential organ for life. They provide the body with oxygen and remove carbon dioxide. Without lungs, we would not be able to survive.

The Brain

The brain is the control center of the body. It is located in the skull. The brain is made up of billions of neurons. Neurons are cells that communicate with each other through electrical impulses.

The brain is responsible for a wide range of functions, including:

- Thought
- Emotion
- Memory

- Language
- Movement

The brain is an essential organ for life. Without a brain, we would not be able to think, feel, or move.

The Digestive System

The digestive system is responsible for digesting food and absorbing nutrients. The digestive system starts with the mouth and ends with the anus.

The mouth is where food is chewed and mixed with saliva. Saliva contains enzymes that begin to break down food. The food is then swallowed and travels down the esophagus to the stomach.

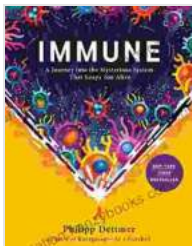
The stomach is a muscular organ that churns and mixes food. The stomach also produces acids and enzymes that help to break down food. The food is then passed to the small intestine.

The small intestine is a long, coiled tube. The small intestine is where most of the nutrients from food are absorbed. The small intestine also produces enzymes that help to break down food.

The large intestine is a shorter, wider tube. The large intestine is where water and electrolytes are absorbed from food. The large intestine also produces bacteria that help to break down food.

The digestive system is an essential organ for life. It provides the body with the nutrients it needs to function. Without a digestive system, we would not be able to survive.

This book is a journey into the mysterious system that keeps you alive - your body. It will take you on a fascinating journey through the human body, exploring its intricate systems and the amazing processes that keep us alive. You'll learn about the heart, the lungs, the brain, the digestive system, and more. This book is a must-read for anyone who wants to learn more about the human body and how it works.



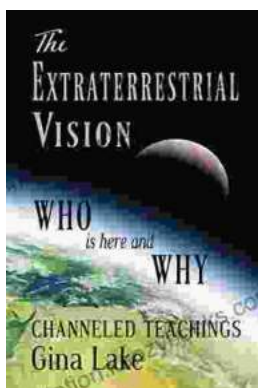
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