IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 3, Issue 2, January 2023

T Cells: The First Line of Defence

Miss. Vaishnavi S. Jadhav, Mr. Mahesh H. Mohite, Miss. Swapnali T. Bhosle, Miss. Shrutika M. Yadav

Nootan College of Pharmacy, Kavathe Mahankal, Sangli, Maharashtra, India

Abstract: T cells are a part of the immune system that focuses on specific foreign particles. Rather than generically attack any antigens, T cells play a critical part in immunity to foreign substances. The immune system's core component is the T cell, also known as the T lymphocyte. These cells are made for response to manage the infection to defend the body in this article the functions types and working of t cells and the immune response of t cells are highlighted.

Keywords: Human Immune Response, Life Stages, Homeostasis, T lymphocyte, Immune Response, Defence Mechanism Of Human Body, T Cells

REFERENCES

- [1]. Brahma V. Kumar, Thomas Connors, and Donna L. Farber The National Center for Biotechnology Information advances science and health.
- [2]. Different Types of T Cells and Their Functions, akadeum life science https://www.akadeum.com/blog/different-types-of-t-cells/.
- [3]. T Cells, B Cells and The Immune System By Devon Carter The University Of Texas MD Anderson Cancer Center.
- [4]. Tucker W. LeBien1 and Thomas F. Tedder2 1Department of Laboratory Medicine/Pathology, University of Minnesota Cancer Center, Minneapolis; and 2Department of Immunology, Duke University Medical Center, Durham, NC, B lymphocytes: how they develop and function.
- [5]. High quality and ethically sourced biospecimens for research, https://cytologicsbio.com/role-of-t-cells-and-b-cells-in-immunity/
- [6]. Debbie King, Subject Matter ExpertSeptember 15, 2021 T Lymphocytes: A Look at their Role and Research Applications https://allcells.com/
- [7]. T cell immunity: What is it and how does it help to protect us from COVID-19? by Genevieve Timmins12 August 2020.
- [8]. Md. Al Saber ,Partha Biswas ,Dipta Dey ,Bonglee Kim , The Advance Cancer Immunotherapy Techniques and the Future Perspective of Modified T Cell Therapyhttps://www.researchgate.net/figure/The-Antigen-mediated-T-cell-activation-process-Antigen-bind-to-a-protein-present-on-the fig1 351485696
- [9]. Mr. Mahesh Hanmant Mohite, Miss Vaishnavi Suresh Jadhav, Oran Transplantation: A Life Saving Technique, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) Volume 2, Issue 1, December 2022, DOI: 10.48175/IJARSCT-7652.

DOI: 10.48175/IJARSCT-8047