

S15635 CANCER WARRIORS: UNLEASHING THE POWER OF YOUR IMMUNE SYSTEM AGAINST CANCER

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About This Class

In this class, we will explore the remarkable field of cancer immunology, where the body's natural defenses take center stage in the fight against cancer. Prepare to embark on a 6-week journey that unveils the intricate interactions between our immune system and cancer cells.

This class will first start by giving a brief introduction to the immune system. In this unit, we will briefly identify immune cells most relevant in cancer and their functions. We will also discuss how these immune cells interact with each other to mount an effective immune response. We will then briefly define what cancer is and delve into tumor architecture.

Then we will dive into how our immune system, like a team of superheroes, can detect, target, and eliminate cancerous cells, offering hope for new treatments and potential cures. We will close out the class by discussing the exciting therapeutics that harness the immune system to fight cancer. Join us as we uncover the hidden powers within us and learn how to unleash them against cancer.

Course Schedule

Week	Topic
1	Intro to the Immune System Part 1
2	Intro to the Immune System Part 2
3	What is Cancer
4	Cancer Immunity Cycle Part 1
5	Cancer Immunity Cycle Part 2
6	Cancer Immunotherapies