

PHSC-702: Foundations of Cancer Targeting

This course discusses the foundational principles associated with the design and development of delivery systems for passive cancer targeting. As a foundational concept to cancer targeting, the enhanced permeability and retention (EPR) effect is introduced and discussed. All the challenges associated with the EPR effect are discussed and different drug delivery strategies that utilize the EPR effect are described. Additionally, approaches to improve the efficiency of the EPR effect are discussed. Primary literature is the sole resource used in this course and students are encouraged to interact and discuss these principles in a practical manner.

Credits: 3

Program: Pharmaceutical Science