

UE How to become a cancer cell



Niveau d'étude
Bac +4



ECTS
6 crédits



Composante
UFR Chimie-
Biologie



Période de
l'année
Toute l'année

- > **Langue(s) d'enseignement:** Anglais
- > **Ouvert aux étudiants en échange:** Oui
- > **Code d'export Apogée:** YAX8BI18

Présentation

Description

The objective of this course is to acquire the fundamental knowledge necessary to understand key mechanisms of cancer development. This course includes a set of lectures on alterations of cellular and molecular mechanisms that are responsible for the cancer pathophysiology. These modified cellular functions include for example the cell division, apoptosis, gene expression, stem cells, angiogenesis and degradation of the extracellular matrix... The fundamental notions will be illustrated via their implications in diagnosis and therapeutics. The publication analysis will allow emphasizing the medical interest.

To which kind of program can you apply when taking this course?

- Any kind of Master 2 program.
- The module is particularly recommended to the students interested in the PHEDD program.
- Medical Students (MED)

Heures d'enseignement

TD	TD	17,5h
CM	CM	22,5h

Pré-requis recommandés

-Pre-requisites:

- Basic knowledge in genetics, cell biology, and biochemistry.

Période : Semestre 8

Compétences visées

- Knowledge in fundamental cancer cell biology, cancer cell-host relationship, basis on corresponding targeted therapeutics

- Ability to analyze biological data from published scientific manuscripts.

Infos pratiques

Contacts

Responsables pédagogiques

Laurent Pelletier

✉ Laurent.Pelletier@univ-grenoble-alpes.fr

Responsables pédagogiques

Marie Bidart

✉ mbidart@chu-grenoble.fr

Lieu(x) ville

› Grenoble

Campus

› Grenoble - Domaine universitaire

› Grenoble - La Tronche domaine de la Merci