UE Molecular biology of the cancer cell

ECTS
6 crédits

Composante
UFR de Chimie et de biologie

Période de l'année
Toute l'année

Diplômes intégrant cet élément

- Master Biologie - Santé

Langue(s) d'enseignement: Anglais

Ouvert aux étudiants en échange: Oui

Code d'export Apogée: YAX9BI17

Présentation

Description

The course is designed to provide students with a broad introduction to cancer biology. Strong emphasis is on cancer genetics (genetic predisposition, gene transcription, DNA repair), epigenetics and functional genomics approaches – including use of genome editing, cell line and animal models and structural biology approaches – and the impact of these in research for deriving new insights into the basic mechanisms and treatment of cancer.

Teaching is interactive and relies on research seminars from experts in the field as well as personal reading and learning (webinars) by the students.

Focus is on developing strong critical analysis skills that can be applied generally to research.

Période : Semestre 9

Infos pratiques

Informations non contractuelles.
Dernière mise à jour le 30 juin 2026

Contacts

Responsable pédagogique

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Campus

Grenoble - Domaine universitaire

Informations non contractuelles.
Dernière mise à jour le 30 juin 2026