UE 49 Cancer

6 ECTS

Content

Classes*
- Epidemiology, natural history of cancer (malignant transformation, progression, metastatic process), diagnosis (imaging, biopsies, TNM classification)
- Cancers: somatic genetic diseases (viral aetiology, oncogenes, anti-oncogenes, genetic predispositions…)
- Chemical carcinogenesis (environment, tobacco, DNA damage, repair)
- Antitumor immunity
- Surgical treatments, radiotherapy
- Cell therapy, monoclonal antibodies, and vaccines
- Biomarkers for cancer
- Therapeutic strategies and treatment of patients with solid tumors (colorectal cancer, breast cancer, prostate cancer, and lung cancer)
- Preparation of anti-cancer drugs in hospitals
- Toxicology of chemotherapy treatments (including central hemotoxicity)

Tutorials*
- Clinical cases

* Classes (all students in amphitheater), Tutorials (small groups of students).

Assessment

Final exam about classes and tutorials.

Contact

Alain Gouyette
Laurence Bonhomme-Faivre