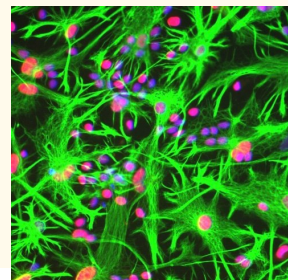
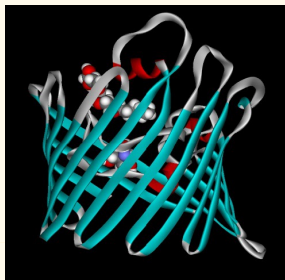


# Basic and Translational Oncology

Annarosa ARCANGELI / Elena LASTRAIOLI

Domenico FLAGIELLO



**Effectives:** 20

**Language:** English

**Where?**

Florence

**When?**

February 2026

**Evaluation:**

Analysis of a scientific article

**Questions:**

dome fla@gmail.com

**Number ECTS :** 3

**Total numbers of hours**  
: 30h

**Teaching format :**

Lectures and poster  
presentation

## Teaching objectives

The course consists In a series of seminars (which will be presented by scientists and clinicians from the University of Florence and from other Research Centers and Institutions) ranging from an introduction to oncology, the distinctive features of cancer to the molecular aspects of cancer diagnosis. Notions of Immunotherapy, genetic aspects of cancer and drug resistance will be addressed. A special emphasis will be placed on the engineering of antibodies and proteins, in particular ion channels, in pancreatic cancer, gastrointestinal tumors or breast cancer. A mention of clinical trials will be also presented.

## Teaching outline

The course will be held in the University Campus and will be organized as a series of 2-hours seminars. At the end of the course, the students will take a written exam consisting in the critical analysis of a scientific paper dealing with one of the subjects discussed during the seminars. Moreover, a poster presentation will be held, in which students will present informally a scientific project they have been involved in.