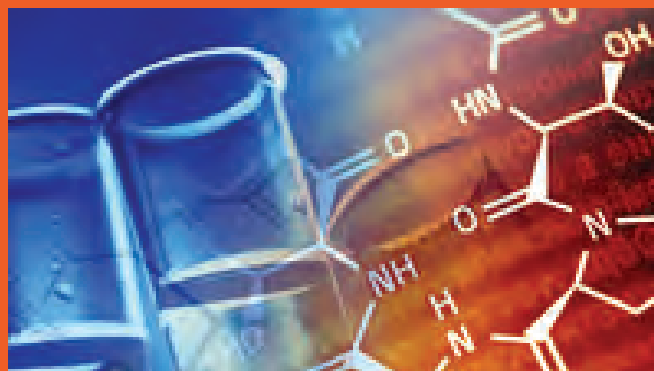


BIOSANITARY STUDIES CENTER



ONLINE MOLECULAR ONCOLOGY INTRODUCTION COURSE

Information and Registration:
Biosanitary Studies Center
e-mail: egalian@cebedu.es
Phones: 91 739 52 54 y 619 769 634



PROGRAMME

1. Genes and Cancer I. Proto-oncogenes and oncogenes: discovering viral and human oncogenes.
2. Genes and Cancer II. Suppressor genes and genetic predisposition to cancer.
3. DNA repair genes. Mutator phenotype and epigenetics.
4. Oncogenes that code for growth factors and tyrosine-kinase receptors.
5. Cell Cycle: retinoblastoma, cyclins, CDKs and cancer.
6. Molecular basis of metastasis.
7. Angiogenesis and tumoral lymphangiogenesis.
8. Mechanism of action of the antiangiogenic agents.
9. From molecular oncology to personalized therapies: Changes in the clinical practice.

DIRECTED TOWARD:

Graduates and PhD in Biology, Pharmacy and Medicine, in addition to specialists who wish to gain a deeper understanding of the molecular basis of cancer.

OBJECTIVES:

- 1.- Provide access to basic knowledge of the gene origin and cancer development.
- 2.- Provide knowledge about the patterns of expression of the tumors.
- 3.- Offer therapeutical approaches based on molecular pathways involved in tumorigenesis.

ACADEMIC DIRECTOR

- Mónica López Barahona, PhD

TEACHERS

- Joaquín Arribas, PhD
- Mariano Barbacid, PhD
- José Fernández Piqueras, PhD
- Benilde Jiménez, PhD
- Carlos López Otín, PhD
- Marcos Malumbres, PhD
- Alberto Muñoz, PhD

CALENDAR

First call: 17 November - 1 December 2014

Second call: 9 - 22 March 2015

RELEVANT DATA:

- **Academic certificate issued by the Biosanitary Studies Center and credited by the Commission of Continued Education for Health Personnel of the Community of Madrid, in Spain.**
- **Duration: 15 hours.**
- **Online Course hosted on our e-learning platform.**

CEB