Orali:

1)
Modelli animali per lo studio di patologie tumorali

Determinazione del profilo di espressione in cellule metastatiche

Strutture Organizzative: Facoltà e Dipartimenti

PROVA DI INGLESE DEL 14-12-2023

Glioblastoma stem cells (GSCs) are cells with a self-renewal ability and capacity to initiate tumors upon serial transplantation that have been linked to tumor cell heterogeneity. Most standard treatments fail to completely eradicate GSCs, causing the recurrence of the disease. GSCs could represent one reason for the low efficacy of cancer therapy and for the short relapse time. Nonetheless, experimental data suggest that the presence of therapy-resistant GSCs could explain tumor recurrence. Therefore, to effectively target GSCs, a comprehensive understanding of their biology and the survival and developing mechanisms during treatment is mandatory. This review provides an overview of the molecular features, microenvironment, detection, and targeting strategies of GSCs, an essential information required for an efficient therapy. Despite the outstanding results in oncology, researchers are still developing novel strategies, of which one could be targeting the GSCs present in the hypoxic regions and invasive edge of the glioblastoma.

2)

Metodologie terapeutiche antitumorali

Determinazione del profilo di espressione in cellule proliferanti

Organi dell'università: il Rettore

PROVA DI INGLESE DEL 14-12-2023

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3)

Uso di anticorpi nella diagnosi e terapia di malattie oncologiche

Determinazione del profilo apoptotico in cellule tumorali

Organi dell'Università: il Senato Accademico

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