

DOKTORETZA TESIA EGITEKO ESKAINTZA / OFERTA PARA LA REALIZACION DE UNA TESIS DOCTORAL

Ikerketa taldea / Grupo de investigación:

LaNCE-Neuropharm



NEUROZIENTZIAK SAILA
DEPARTAMENTO DE NEUROCIENCIAS
MEDIKUNTZA ETA ERIZAINNTZA FAKULTATEA
FACULTAD DE MEDICINA Y ENFERMERIA



Webgunerako esteka / Enlace a la web:

<https://www.ehu.eus/eu/web/medikuntza-erizaintza-fakultatea/-/lance-neuropharm>
<https://ekoizpen-zientifikoa.ehu.eus/grupos/10479/detalle>

Saila / Departamento:

Neurozientziak (Medikuntza eta Erizaintza Fakultatea)
Neurociencias (Facultad de Medicina y Enfermería)

Gaia / Tema:

Therapeutic strategy in glioblastoma through the administration of nanoencapsulated curcumin / Estrategia terapeutikoa glioblastometan, kurkumina nanoenkapsulatua emanez / Estrategia terapeutica en glioblastomas mediante la administración de curcumina nanoencapsulada.

Glioblastoma is the most aggressive brain tumor with a survival time of around 15 months. The invasiveness and growth of this malignant tumor are led by glioma stem-like cells (GSLCs). GSLCs are neoplastic cells with capacity of self-renewal, induction of angiogenesis, radio-chemo-resistance and subsequent tumor recurrence. Tumor microenvironment is crucial for the GSLCs maintenance. Therefore, treatments against the glioblastoma progression should target GSLC or their tumor microenvironment. Curcumin which is a natural substance derived from curry, is used as an anticancer treatment. In intracranial lesions, curcumin has problems crossing the blood brain barrier, so nanocarriers are used to improve its bioavailability.

The aim of this project is the study of the antitumor effect of Nanocurcumin treatment on GSLCs and their microenvironment in a preclinical model of glioblastoma.

Eskaintza mota / Tipo de oferta:

Kontratua / Contrato

Beka eskaerak / Solicitud de becas

Betebeharrak / Requisitos:

Biologian, Biokimikan, Bioteknologian, Farmazian, Medikuntzan edo antzokoetan graduatua. Espediente akademikoaren batez besteko nota 7,5etik gorakoa da.

Graduado en Biología, Bioquímica, Biotecnología, Farmacia, Medicina o similar. Nota media de expediente académico mayor de 7,5.

Kontaktua / Contacto:

Susana Bulnes: susana.bulnes@ehu.eus