
Discovery of p53 tetramer stabilization peptides

Investigadores:

- Ernest Giralt Lledó. [Institute for Research in Biomedicine](#) [1] (IRB).

Idioma Sin definir

Descripción:

Proyecto asignado a través de la [Red Española de Supercomputación](#) [2].

Tetramer formation of p53 (TP53) is essential for its tumor suppressor function. The p53 not only acts as a tumor suppressor protein by inducing cell cycle arrest and apoptosis. More than 50% of human tumors have TP53 gene mutations, and most of them are missense mutations that reduce tumor suppressor activity of p53 by destabilizing the TP53 formation. A new therapeutical intervention where an active peptide is able to stabilize TP53 tetramers and re-store functional protective activity of p53 is pursued in this project by combining state-of-the-art experimental and computational approaches.

URL del envío:<https://web.computaex.es/proyectos/discovery-p53-tetramer-stabilization-peptides>

Enlaces

[1] <https://www.irbbarcelona.org> [2] <https://www.res.es/>