Discovery of new peptides to rescue the mutated p53 tetramer

Investigadores:

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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-new-peptides-rescue-mutated-p53-tetramer

Enlaces

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