



Propuesta de Trabajo Fin de Máster

Año académico 2024-2025

MÁSTER EN MÉTODOS COMPUTACIONALES EN CIENCIAS

Proyecto Nº 16

Título: Development of a tool to simulate drug and response time profiles of biologics exhibiting Target Mediated Drug Disposition

Departamento/ Laboratorio: Ciencias Farmacéuticas

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Resumen:

Target mediated drug disposition complicates the description of monoclonal antibodies especially in the case of multiple-ligands (i.e., bi-specifics and targeted nanoparticles). For the latter their pharmacokinetics is still not well characterized. The objective of the current work is to develop a friendly-use (shiny R based tool) incorporating key relevant models facilitating the investigation of the impact of several conditions (target-turn-over) on the pharmacokinetics and response of this type of therapeutics.

OPTATIVAS RECOMENDADAS

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- 2.
- 3.
- 4.