



Research Project Proposal
Academic year 2020-2021

Máster en Investigación Biomédica

Project Nº 12 ASIGNADO

Title: *Understanding mechanisms of synergy in CD137-based cancer immunotherapy*

Department/ Laboratory *Immunology. 3.04. CIMA*

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Summary *A combination of mRNAs encoding novel antibody constructs targeting active TGFbeta and providing single chain Interleukin-12 will be tested by intratumoral injection loaded in neutral liposomes in transplantable mouse tumor models. Local and Immune mechanisms of antitumor activity will be addressed by measurement of antitumor immune responses and performing the experiments in gene-modified mouse strains lacking key elements whose role will be thereby interrogated*

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yes

x

Does the project include the possibility of supervised animal manipulation to complete the training for animal manipulator?

no