



2018 Jawsome Shark Tank – Translational and Clinical Cancer Research Pilot Project

Plant VLP in situ vaccination for treatment of glioma

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Abstract:

This application is focused on the development and study of a nano-enabled-immunoengineering approach for the treatment of glioma. The approach is based on a plant virus-derived nanotechnology shown to modulate the tumor microenvironment and stimulate the immune system to eradicate tumors, suppress metastatic development and recurrence. Here we will study and apply the VLP in situ vaccine for the treatment of glioma.