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Iron oxide nanoparticle surface decorated with cRGD peptides for magnetic resonance imaging of brain tumors.

Sophie Richard¹, Marianne Boucher², Yoann Lalatonne^{3,4}, Sébastien Mériaux², Laurence Motte^{4}*

1. Laboratoire Matière et Systèmes Complexes (MSC), UMR 7057, CNRS and Université Paris Diderot, 75205 Paris Cedex 05, France.

2. Unité d'Imagerie par Résonance Magnétique et de Spectroscopie, CEA / DRF / I2BM / NeuroSpin, F-91191 Gif-sur-Yvette, France

3. Service de Médecine Nucléaire, Hôpital Avicenne Assistance Publique-Hôpitaux de Paris F-93009 Bobigny, France

4. Inserm, U1148, Laboratory for Vascular Translational Science, UFR SMBH, Université Paris 13, Sorbonne Paris Cité, F-93017 Bobigny, France.

Abstract

In this article, a specific targeting Magnetic Resonance Imaging (MRI) nanoplatform, composed by iron oxide nanoparticle (NP) with cRGD peptides as targeting agent onto NP surface, is explored for the diagnosis of brain tumors by MRI using intracranial U87MG mice xenograft tumor.

Keywords: glioblastoma, iron oxide nanoparticle, MRI contrast agent, cRGD, Targeting

1. Introduction

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