### **Accepted Manuscript**

Novel calcified gum Arabic porous nano-composite scaffold for bone tissue regeneration

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#### ACCEPTED MANUSCRIPT

## 1 Novel Calcified Gum Arabic Porous Nano-composite

## **2 Scaffold for Bone Tissue Regeneration**

| 3                                      | M. Hadavi <sup>1,3</sup> ,*S. Hasannia <sup>2</sup> , Sh. Faghihi <sup>1</sup> , F. Mashayekhi <sup>3</sup> , H.H. Zadeh <sup>4</sup> and S.B.Mostofi <sup>5</sup>  |
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| 23                                     | Short running title: Hydroxyapatite/Gum Nanocomposite   |
| 24                                     | Keywords: n-HA, Osteoinduction, gum Arabic, Mechanical properties, C2C12.   |

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