

Title (en)  
BIOMOLECULE-LINKED BIOMIMETIC SCAFFOLDS

Title (de)  
BIOMOLEKÜL-VERBUNDENE BIOMIMETISCHE GERÜSTE

Title (fr)  
SQUELETTES BIOMIMÉTIQUES LIÉS À UNE BIOMOLÉCULE

Publication  
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Application  
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Abstract (en)  
[origin: WO2007146261A2] The invention provides a composition comprising a nanofiber polymer in which the fibers of the nanofiber polymer are aligned, and a molecule is covalently attached, either directly or through a linker, to the nanofiber polymer. This molecule is capable of either covalently or non-covalently attaching to a member selected from an extracellular matrix component, a growth factor, and combinations thereof. The invention also provides methods of making the composition and methods of using the compositions to add new tissue to a subject, such as a human.

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