## Accepted Manuscript

Spatially controlled functional group grafting of silk films to induce osteogenic and chondrogenic differentiation of human mesenchymal stem cells



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PII:	S0928-4931(17)34225-X
DOI:	doi:10.1016/j.msec.2018.06.008
Reference:	MSC 8647
To appear in:	Materials Science & Engineering C
Received date:	24 October 2017
Revised date:	23 May 2018
Accepted date:	8 June 2018

Please cite this article as: Smita Patil, Neetu Singh, Spatially controlled functional group grafting of silk films to induce osteogenic and chondrogenic differentiation of human mesenchymal stem cells. Msc (2018), doi:10.1016/j.msec.2018.06.008

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## **ACCEPTED MANUSCRIPT**

## Spatially Controlled Functional Group Grafting of Silk Films to Induce

Osteogenic and Chondrogenic Differentiation of Human Mesenchymal Stem

Cells

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