## **Supplementary Information**

## 3D cellular self-assembly on optical discsimprinted nanopatterns

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**Fig. S1** AFM analysis of writable optical discs. (a) groove spacings and (b) ridge heights of CD-R, (c) groove spacings and (d) ridge heights of DVD-R, (e) groove spacings and (f) ridge heights of BD-R.



**Fig. S2** AFM analysis of DVD-M. The horizontal section exhibits (a) spacings between nanoposts and (b) their heights. The vertical section displays (c) the width and (d) the height of nanoposts.



**Fig. S3** AFM analysis of BD-M. The horizontal section exhibits (a) spacings between nanoposts and (b) their heights. The vertical section displays (c) the width and (d) the height of nanoposts.



**Fig. S4** AFM analysis of Rev-DVD-M. The horizontal section exhibits (a) spacings between nanopits and (b) their depths. The vertical section displays (c) the width and (d) the depth of nanopits.



**Fig. S5** AFM analysis of Rev-BD-M. The horizontal section exhibits (a) spacings between nanopits and (b) their depths. The vertical section displays (c) the width and (d) the depth of nanopits.