

Supplementary data.

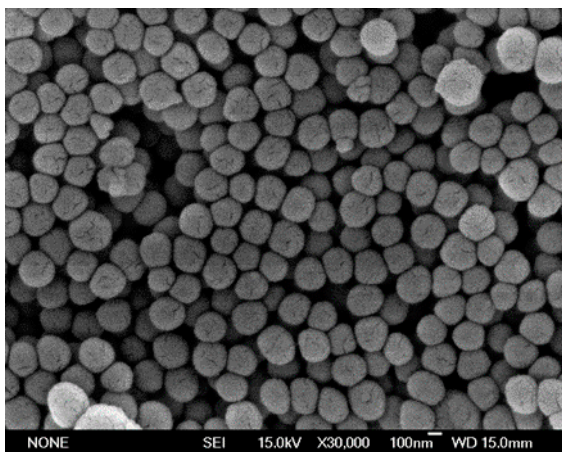


Figure S1. Scanning electron micrograph of NanoMBGs

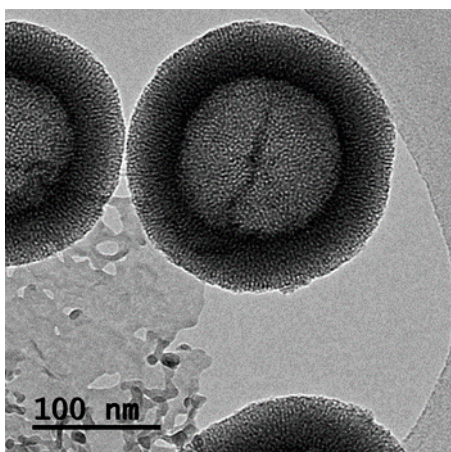


Figure S2. Transmission electron image of NanoMBGs

Textural parameters obtained by nitrogen adsorption analysis.

- Single Point Surface Area at P/Po 0.19864939 : **508.7455 m²/g**
- Single Point Adsorption Total Pore Volume of pores less than 72.2143 nm. Diameter at P/Po 0.97264854: **0.435109 cm³/g**

EDX spectroscopy results.

The final composition of nanoMBGs was determined as the mean of 15 different measurements

Spectrum	In stats.	Si	Ca
Nano 1	Yes	90.30	9.70
Nano 2	Yes	82.70	17.30
Nano 3	Yes	79.88	20.12
Nano 4	Yes	61.44	38.56
Nano 5	Yes	76.83	23.17
Nano-6	Yes	83.14	16.86
Nano-7	Yes	83.59	16.41
Nano 8	Yes	87.80	12.20
Nano 9	Yes	71.53	28.47
Nano 10	Yes	82.63	17.37
Nano 11	Yes	82.56	17.44
Nano 12	Yes	83.87	16.13
Nano 13	Yes	84.18	15.82
Nano 14	Yes	85.86	14.14
Nano 15	Yes	85.36	14.64
Mean		81.44	18.56
Std. deviation		7.08	7.08
Max.		90.30	38.56
Min.		61.44	9.70