Supplementary Materials for

**Porous SHS material based on TiNi with a microporous surface structure of its pore walls for creating an ophthalmic orbital implants**

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Figure S1. EDX spectrum taken on the surface of TiNi after first stage of etching (1-3 s) showing its enrichment in Ti.



Figure S2. SEM images (low vacuum SE mode) of the pore space of modified TiNi on day 7 of cell cultivation. Many cells are seen to be connected to each other by pseudopodia spreading over the surface at different magnifications: (a) 500x; (b) 2000x; (c) 8000x.