

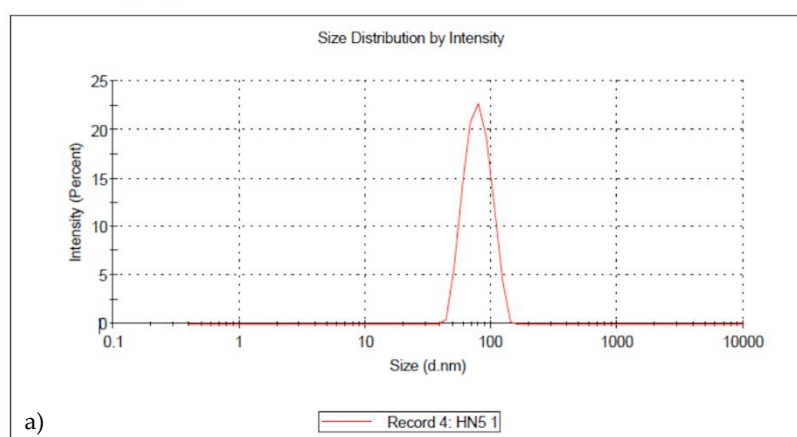
Hydroxyapatite from natural sources for medical applications

Laura Madalina Cursaru^{1*}, Miruna Iota¹, Roxana Mioara Piticescu^{1*}, Daniela Tarnita², Sorin Vasile Savu³, Ionel Dănuț Savu³, Gabriela Dumitrescu⁴, Diana Mihaela Popescu⁴, Radu-Gabriel Hertzog⁴ and Mihaela Calin^{1,5}

* Correspondence: mpopescu@imnr.ro (L.M.C.); roxana.piticescu@imnr.ro (R.M.P.)

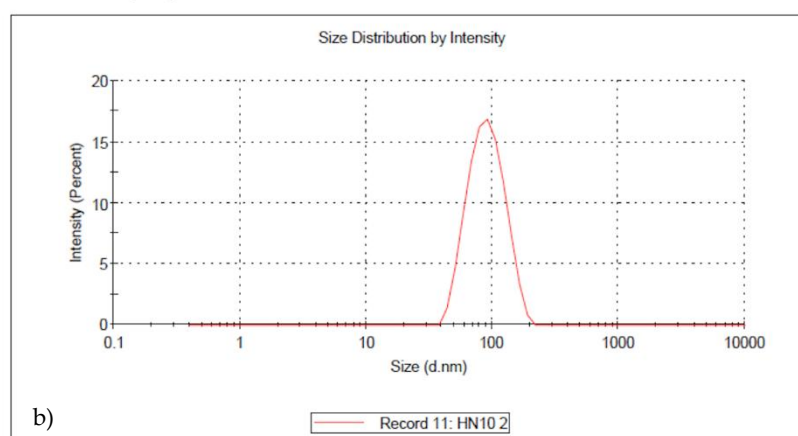
Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 76.01	Peak 1: 79.64	100.0	18.62
Pdl: 0.009	Peak 2: 0.000	0.0	0.000
Intercept: 0.872	Peak 3: 0.000	0.0	0.000
Result quality: Good			



Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 84.11	Peak 1: 93.36	100.0	29.80
Pdl: 0.087	Peak 2: 0.000	0.0	0.000
Intercept: 0.887	Peak 3: 0.000	0.0	0.000
Result quality: Good			



Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 97.57	Peak 1: 107.4	100.0	34.34
Pdl: 0.085	Peak 2: 0.000	0.0	0.000
Intercept: 0.915	Peak 3: 0.000	0.0	0.000
Result quality : Good			

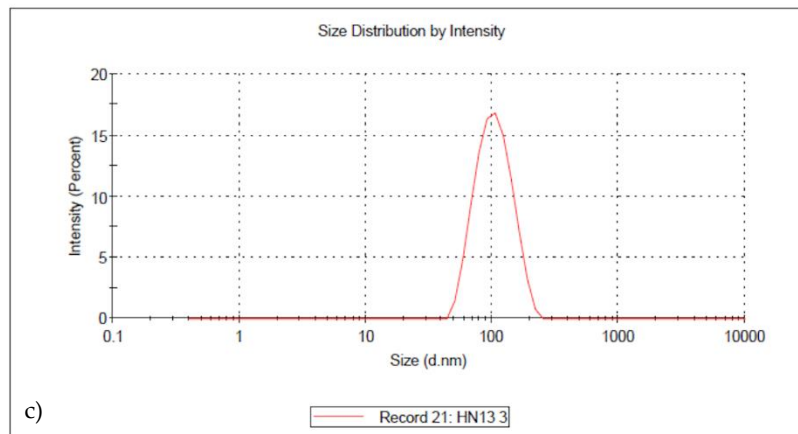
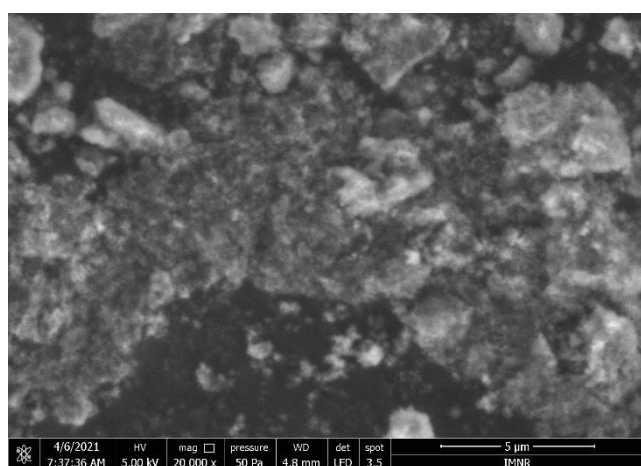
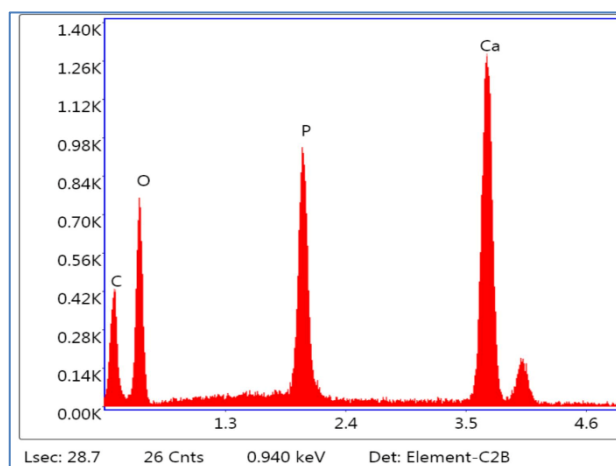


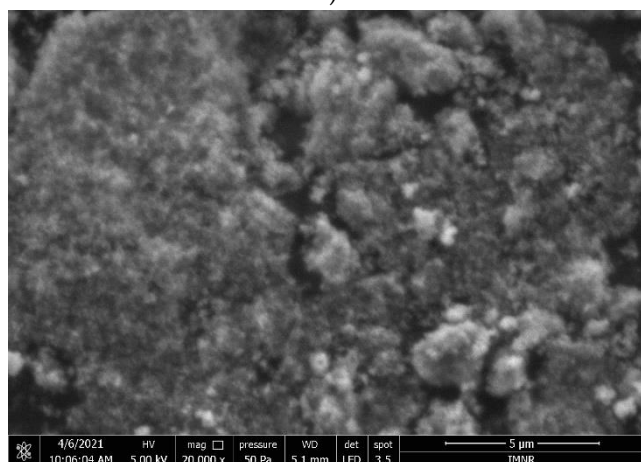
Figure S1. Particle size distribution of: a) HAP-20; b) HAP-60 and c) HAP-100 nanopowders.



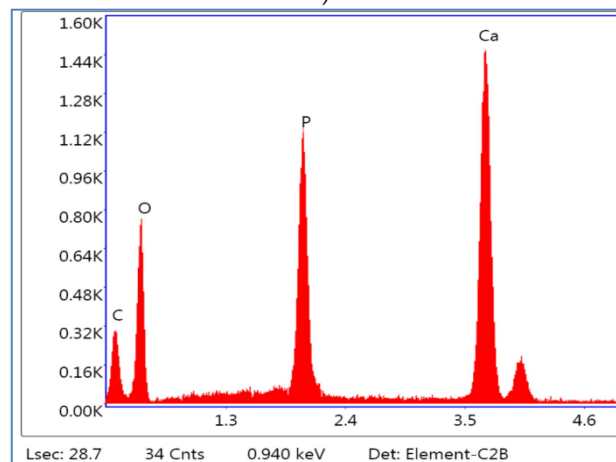
a)



b)



c)



d)

Figure S2. SEM images at 5 μm scale bar, 5 kV voltage and 20 kX magnification, and EDS spectra of HAP nanopowders: a) and b) HAP-20; c) and d) HAP-60.