Hyaluronic-based freeze-dried foam-like structure enriched with active compounds

Nina Tarzynska

Lodz University of Technology
Lukasiewicz – Lodz Institute of Technology

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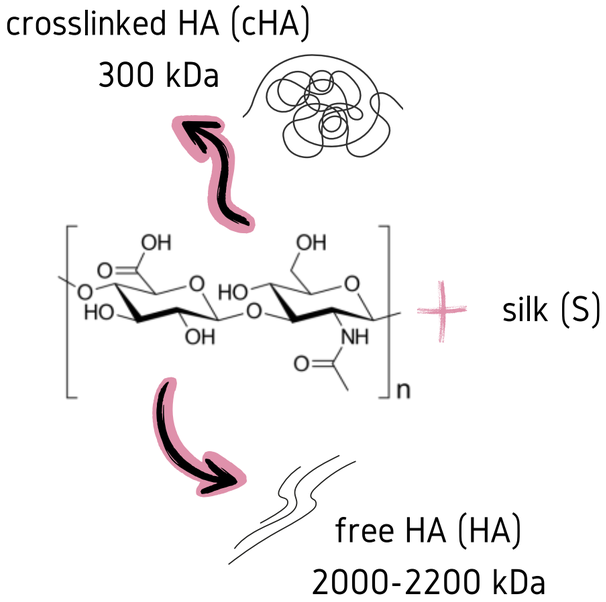
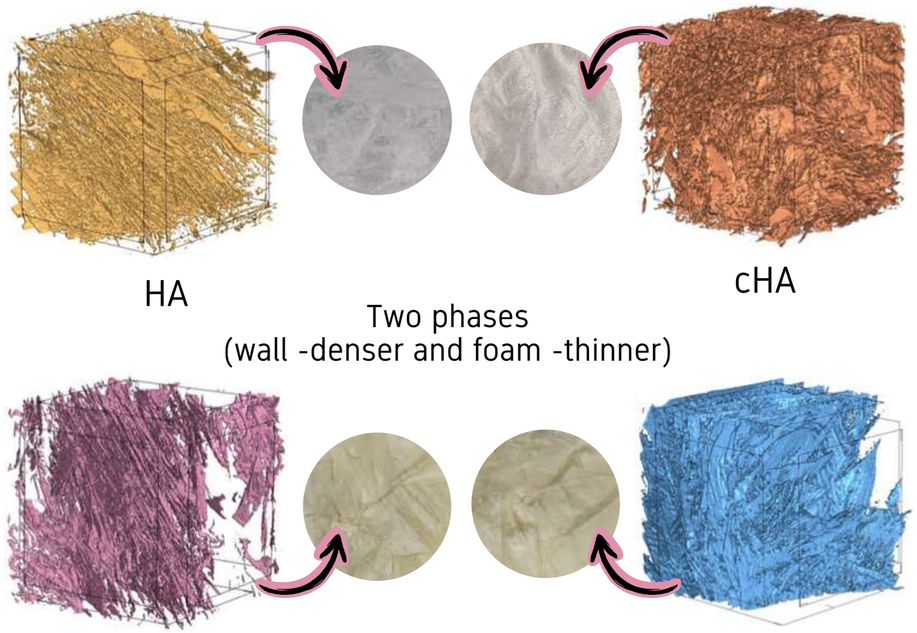
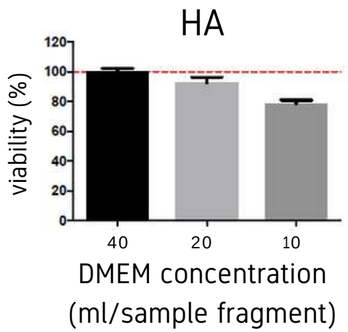
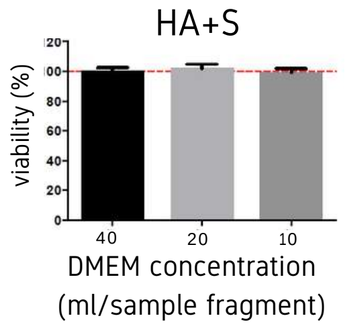
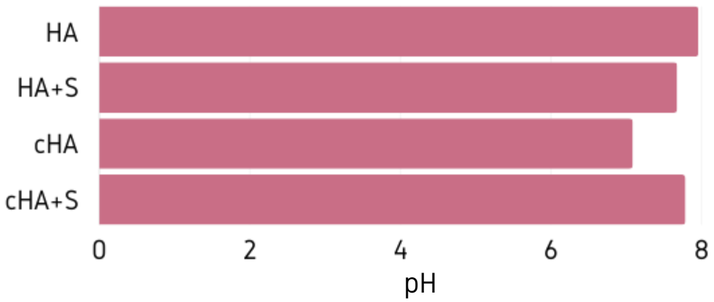


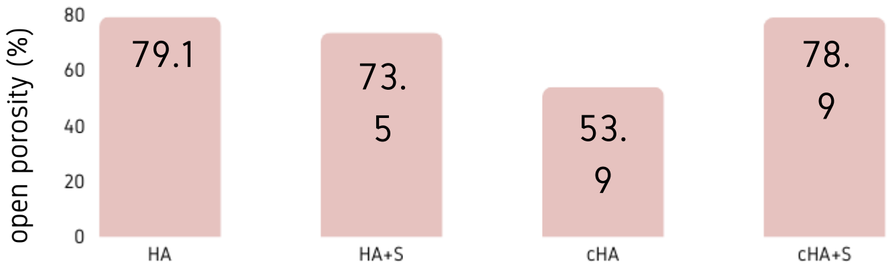


	HA	HA+S	cHA	cHA+S
k	55.96	45.79	0.38	0.46
n	0.40	0.43	1.08	1.07









The addition of silk has a significant effect on the porosity of the sample while at the same time causing slight variations in the pH value of the solution. The differences in the viscosity of the acid solutions result from their different molecular weights. However, a correlation between viscosity value and sample porosity can be observed (as viscosity increases, porosity increases). The addition of silk in hyaluronic acid foam also positively affects cell survival.

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