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Intentional formation of a protein corona on nanoparticles - Serum concentration affects protein corona mass, surface charge, and nanoparticle-cell interaction

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Abstract

The protein corona, which immediately is formed after contact of nanoparticles and biological systems, plays a crucial role for the biological fate of nanoparticles. In the here presented study we describe a strategy to control the amount of corona proteins which bind on particle surface and the impact of such a protein corona on particle-cell interactions. For corona formation,

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