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Beyond the Protein Corona – Lipids Matter for Biological Response of Nanocarriers

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Title page:**Beyond the Protein Corona – Lipids Matter for Biological Response of Nanocarriers**

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Abbreviated title: Beyond the protein corona

Abbreviations: LDL, low-density lipoprotein; HDL, high-density lipoprotein; NP, nanoparticle; VLDL, very low-density lipoprotein; ITC, isothermal titration calorimetry; LC-MS, liquid chromatography–mass spectrometry; PS-NP, polystyrene nanoparticle; TEM, transmission electron microscopy; DLS, dynamic light scattering; Apo-A1, apolipoprotein A1; Apo-B100, apolipoprotein B100; PBS, phosphate-buffered saline; TC, total cholesterol; SDS-PAGE, sodium dodecyl sulfate polyacrylamide gel electrophoresis; BSA, bovine serum albumin; MWCO, molecular weight cut-off; FC, free cholesterol; CE, cholesteryl esters; DMEM, Dulbecco's modified eagle medium; FBS, fetal bovine serum; EDTA, ethylenediaminetetraacetic acid; BODIPY, boron-dipyrromethene.

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