**pH-responsive octylamine coupling modification of carboxylated aluminium oxide surfaces**

Shirin Alexander, a Lauren Morrow, b Alex M. Lord, c Charles W. Dunnill, a and Andrew R. Barron *a,b,d

Fig. S1. AFM images and height profiles along the white line of (a) lysine and, (b) p-hydroxybenzoic acid functionalised surfaces. Images were obtained with a scan size of 50 x 50 μm.