Electronic Supplementary Material (ESI) for Materials Chemistry Frontiers.

Supporting Information

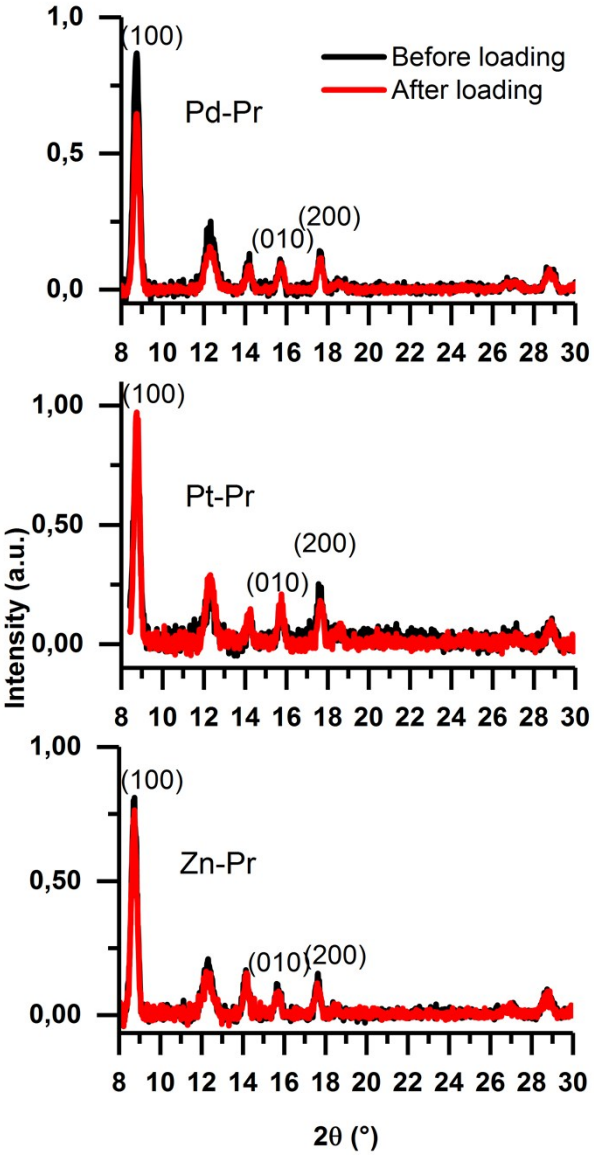

Figure S1: XRD in plane of ZnBDC SURMOF before and after the loading. The incorporation of the dyes molecules don't change the structure of the SURMOF.

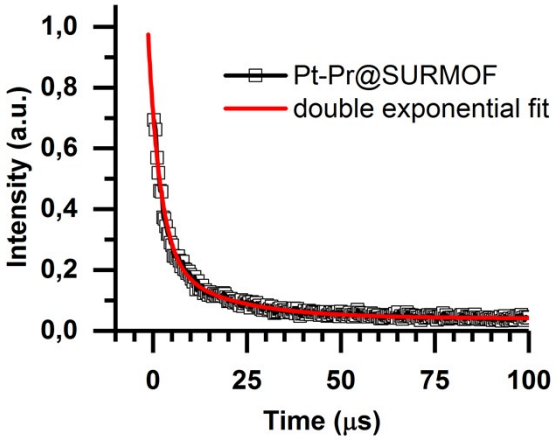

Figure S2. Time-resolved photoluminescence measurements of the Zn-BDC SURMOF loaded with carboxylic acid modified Pt porphyrin (Pt-Pr) excited at 410 nm under dynamic vacuum. Streak camera measurements of Pt-Pr@SURMOF shows a biexponential decay. This behaviour can be attribute to the presence of different kind of emitting species as the dye in different aggregate forms.