

A non-covalent “click chemistry” strategy to efficiently coat highly porous MOF nanoparticles with a stable polymeric shell

Ahmet Aykaç,^{a,1} Magali Noiray,^b Milo Malanga,^c Valentina Agostoni,^{b,2} Juan Manuel Casas-Solvas,^a Éva Fenyvesi,^c Ruxandra Gref,^{d,*} Antonio Vargas-Berenguel^{a,*}

^aDepartamento de Química y Física, Universidad de Almería, 04120 Almería, Spain.

^bFaculté de Pharmacie, UMR 8612 CNRS Université Paris-Sud, Châtenay-Malabry, France

^cCycloLab, Cyclodextrin R&D Ltd., Budapest, Hungary

^dISMO, Université Paris Sud, Université Paris Saclay, Orsay, France

¹Present address: Faculty of Engineering and Architecture, Izmir Katip Çelebi University, Çigli, 35620, Izmir, Turkey.

²Present address: Department of Chemistry and Applied Biosciences, Institute of Pharmaceutical Sciences, Eidgenössische Technische Hochschule (ETH), Vladimir-Prelog-Weg 1-5/10 8093 Zürich, Switzerland.

*Corresponding authors at: ISMO, Université Paris Sud, Université Paris Saclay, Orsay, France (R. Gref), Departamento de Química y Física, Universidad de Almería, 04120 Almería, Spain (A. Vargas-Berenguel).

E-mail addresses: ahmet.aykac@ikc.edu.tr (A. Aykaç), malanga@cyclolab.hu (M. Malanga), valentina.agostoni@pharma.ethz.ch (V. Agostini), jmcasas@ual.es (J. M. Casas-Solvas), Fenyvesi.e@cyclolab.hu (E. Fenyvesi), ruxandra.gref@u-psud.fr (R. Gref), avargas@ual.es (A. Vargas-Berenguel).

Supplementary material

Table of Contents

Fig. S1. Confocal images of nanoMOF coated with CD-P-R **6**

Page S2

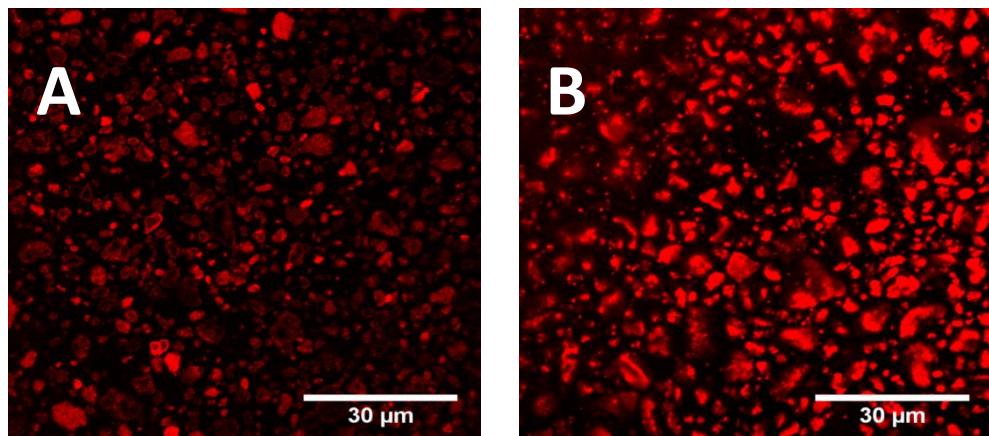


Fig. S1. Typical confocal images of nanoMOF particles coated with CD-P-R **6** before (A) and after (B) 24 hours of incubation in RPMI cell culture media supplemented with 10% FBS.