

Supplementary Materials: Investigation of Mucoadhesion and Degradation of PCL and PLGA Microcontainers for Oral Drug Delivery

Zarmeena Abid ^{1,2,*}, Mette Dalskov Mosgaard ^{1,3}, Giorgio Manfroni ^{1,2}, Ritika Singh Petersen ^{1,2}, Line Hagner Nielsen ^{1,3}, Anette Müllertz ^{1,4}, Anja Boisen ^{1,3} and Stephan Sylvest Keller ^{1,2}

¹ The Danish National Research Foundation and Villum Foundation's Center for Intelligent Drug Delivery and Sensing Using Microcontainers and Nanomechanics (IDUN), Technical University of Denmark, 2800 Kgs. Lyngby, Denmark; medmo@dtu.dk (M.D.M.); giomanfro94@gmail.com (G.M.); Risi@dtu.dk (R.S.P.); lihan@dtu.dk (L.H.N.); anette.mullertz@sund.ku.dk (A.M.); aboi@dtu.dk (A.B.); Suke@dtu.dk (S.S.K.)

² National Centre for Nano Fabrication and Characterization, DTU Nanolab, Technical University of Denmark, 2800 Kgs. Lyngby, Denmark

³ Department of Health Technology, DTU Health Tech, Technical University of Denmark, 2800 Kgs. Lyngby, Denmark

⁴ Department of Pharmacy, Faculty of Health and Medical Sciences, University of Copenhagen, 2100 Copenhagen, Denmark

* Correspondence: zarab@dtu.dk

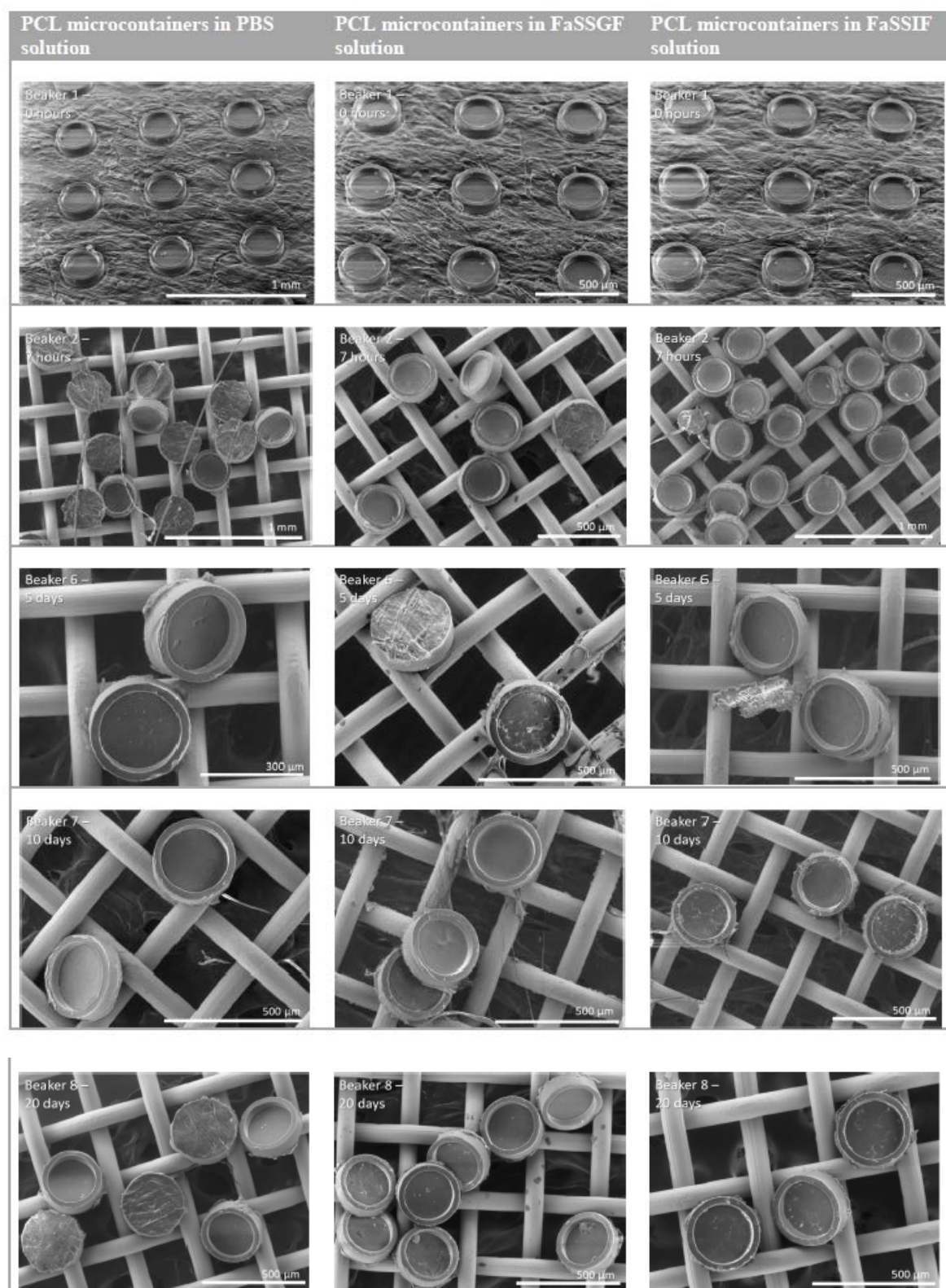


Figure 1. Degradation study of PCL microcontainers in PBS, FaSSGF and FaSSIF media for up to 20 days.

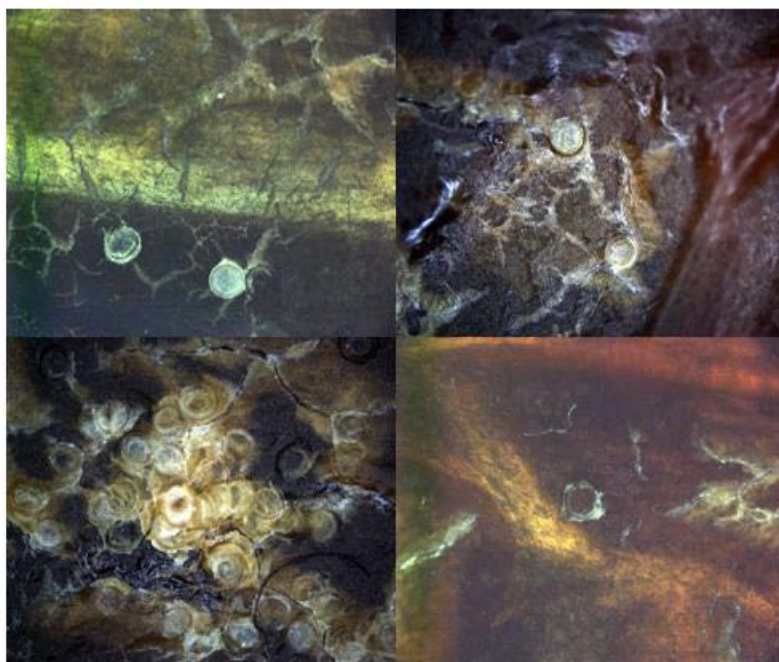


Figure S2. Microcontainers inside the porcine intestine visualized with an optical microscope.



© 2019 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).