

Electronic Supplementary Information:

Lipogels: Surface-Adherent Composite Hydrogels Assembled from Poly(Vinyl Alcohol) and Liposomes

Bettina E. B. Jensen,^a Leticia Hosta-Rigau,^b Philipp R. Spycher,^c Erik Reimhult,^d
Brigitte Städler,^b and Alexander N. Zelikin^{*,a,b}

^a Department of Chemistry, Aarhus University, Aarhus, Denmark. Tel: +45 8715 5906; E-mail: zelikin@chem.au.dk

^b iNANO Interdisciplinary Nanoscience Centre, Aarhus University, Aarhus, Denmark. Tel: +45 8715 6668, Email : bstadler@inano.au.dk

^c Department of Health Sciences and Technology, ETH Zurich, Zurich, Switzerland

^d Institute for Biologically inspired materials, University of Natural Resources and Life Sciences Vienna, Vienna, Austria

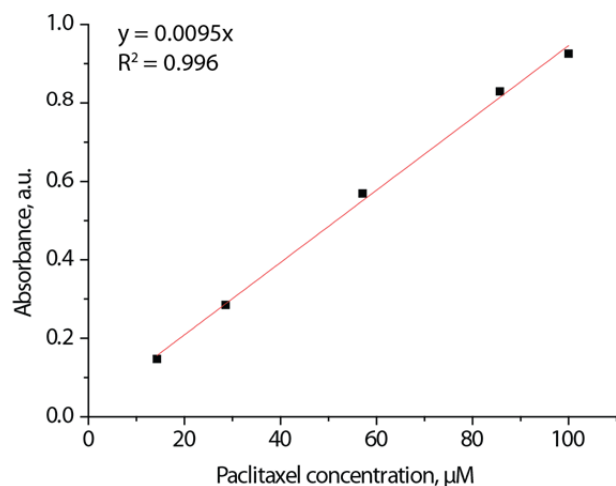


Figure S1. Calibration curve for the absorbance of paclitaxel versus the concentration.

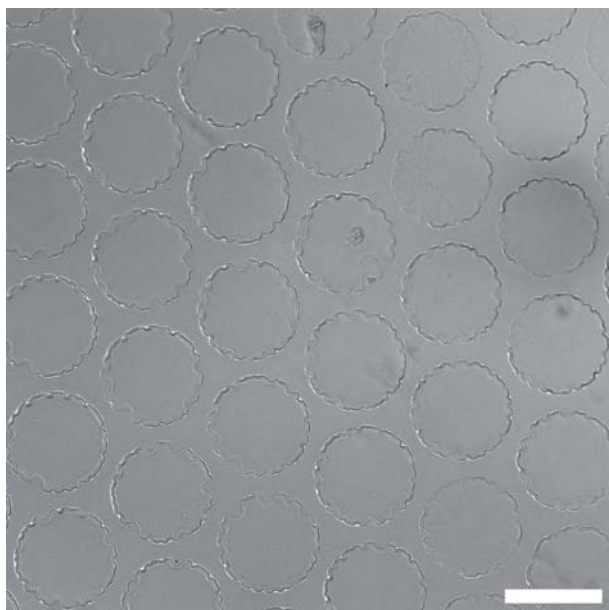


Figure S2. DIC image showing ruffled edges along the structures of PVA hydrogels blended with PLL (1 g/L). The samples were salted out for 1 h in Na_2SO_4 and incubated in PBS for 1 h. Scalebar: 100 μm .

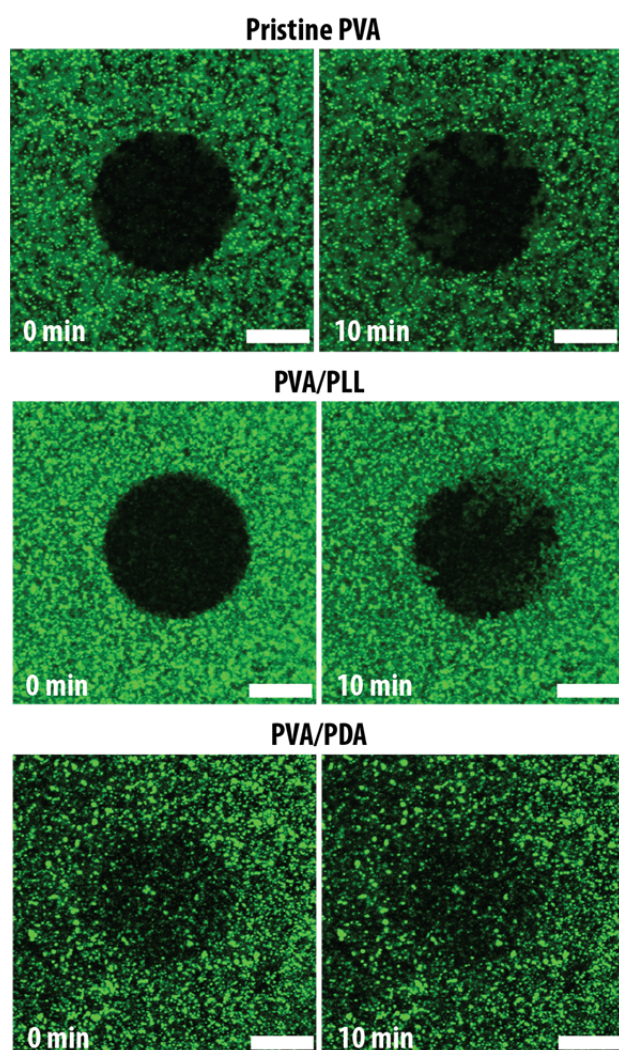


Figure S3. FRAP images of pristine (no cell pro-adhesive), PLL blended, and PDA coated 8× lipogels.

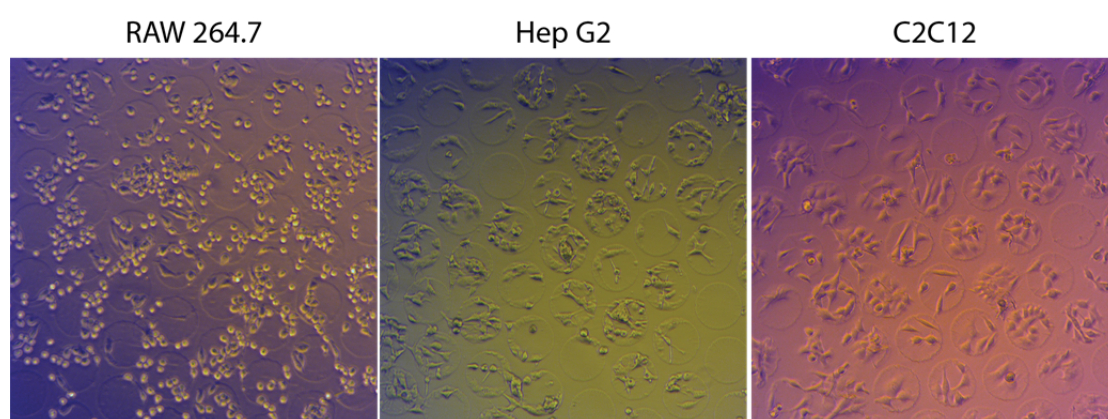


Figure S4. RAW 264.7, Hep G2, and C2C12 cell lines seeded on lipogels. The images were captures after allowing the cells to attach for 24 h using a Zeiss Primo Vert microscope and 10x objective.