WILEY-VCH

DOI: 10.1002/ ((please add manuscript number)) Article type: Full Paper

Self-assembly of Immune Signals Improves Co-delivery to Antigen Presenting Cells and Accelerates Signal Internalization, Processing Kinetics, and Immune Activation

Supporting Information

Michelle L. Bookstaver¹, Krystina L. Hess¹, Christopher M. Jewell^{1,2,3,4,5,*}

- ¹ Fischell Department of Bioengineering, University of Maryland, 8278 Paint Branch Drive, College Park, MD 20742
- ² United States Department of Veterans Affairs, VA Maryland Health Care System, 10 North Greene Street, Baltimore, Maryland 21201
- ³ Robert E. Fischell Institute for Biomedical Devices, 8278 Paint Branch Drive, College Park, MD 20742, USA
- ⁴ Department of Microbiology and Immunology, University of Maryland School of Medicine, 685 West Baltimore Street, Baltimore, MD 21201
- ⁵ Marlene and Stewart Greenebaum Cancer Center, 22 South Greene Street, Baltimore, MD 21201
- * Correspondence: Professor Christopher M. Jewell Fischell Department of Bioengineering 5110 A. James Clark Hall 8278 Paint Branch Drive College Park, MD 20742 Office 301-405-9628 Email: cmjewell@umd.edu Web: jewell.umd.edu

WILEY-VCH



Figure S1. Characterization of iPEMs composed entirely of antigen and adjuvant. A) iPEM diameters before and after core removal. B) Antigen (SIINR₉) and adjuvant (polyIC) composition in iPEMs after core removal. Error bars indicate standard deviation.