Supplementary information

Enhanced delivery of polymer beads into cells through arrayed metal nanotubes by Soret effect

Kazuhiro Oyama[a], Bingfu Liu[a], Gábor Méhes[a], and Takeo Miyake[a]*

[a]Graduate School of Information, Production and Systems, Waseda University, Kitakyushu, Fukuoka 808-0135, Japan

*Corresponding authors
E-mail address: miyake@waseda.jp (T. Miyake)

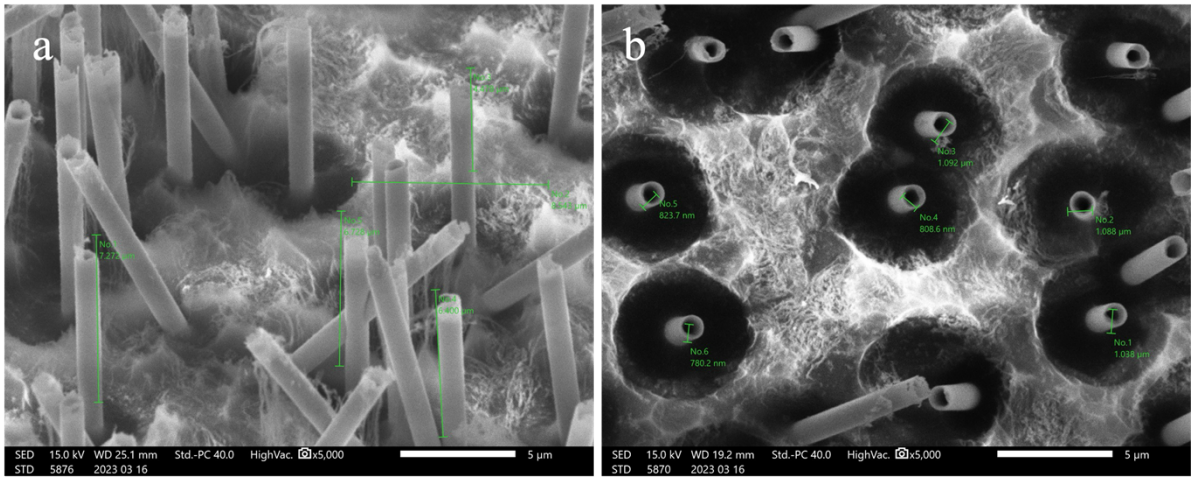

Figure S1. SEM images of AuNT/TEPC membrane. Captured at (a) a 45-degree angle and from (b) above.

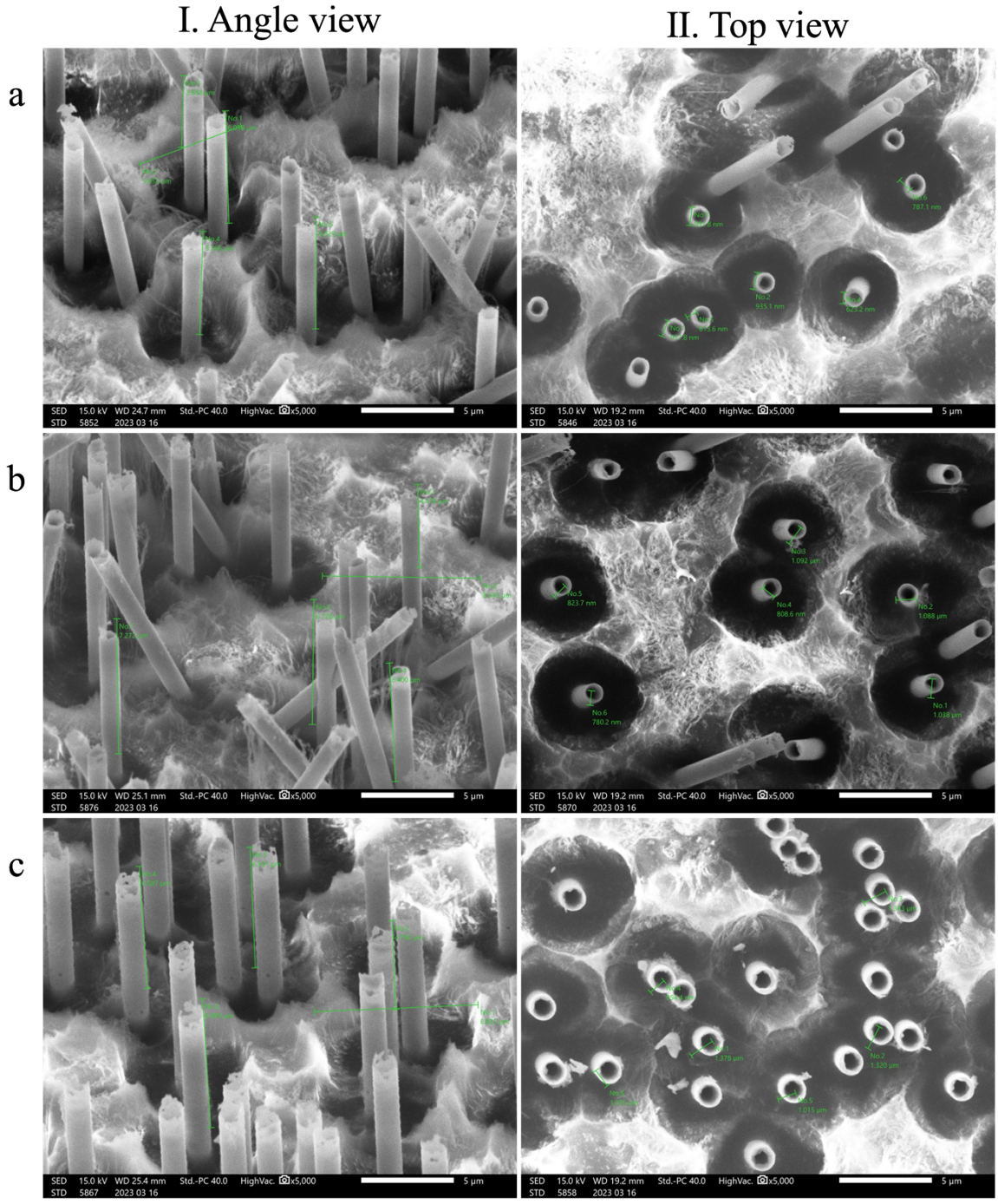

Figure S2. SEM images of AuNT/TEPC membranes for various NT diameters. (a), (b), (c) have NT diameters of 0.6, 1.0, and 1.3 μm, respectively, all with the same NT density of 3.0×10^6 cm^2, and NT height of 5 μm. Capturing from a (I) a 45-degree angle and from (II) top.

Figure S3. Photograph of the 8 mm diameter stamp tube.

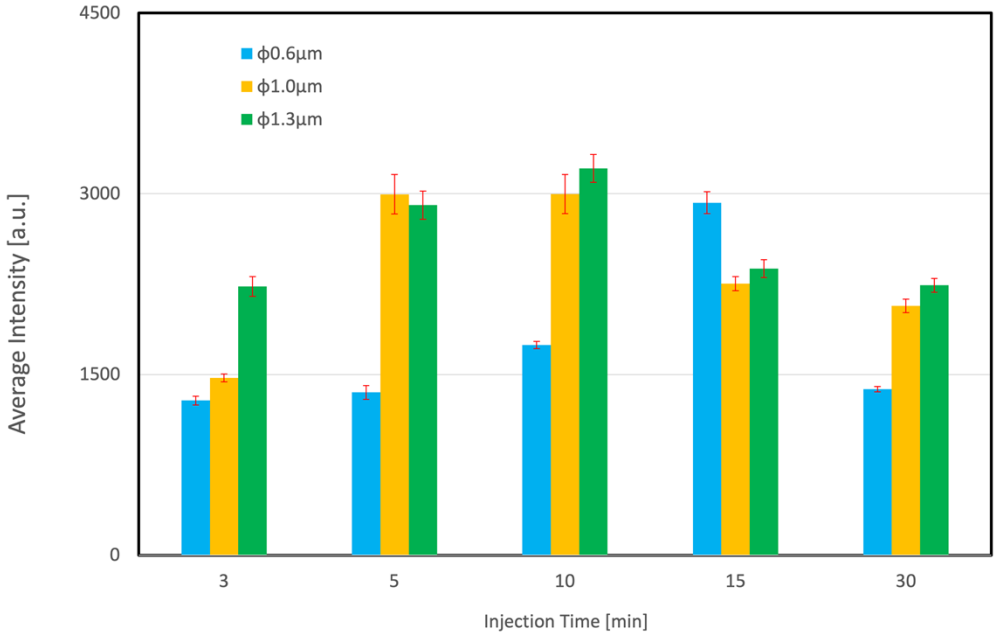

Figure S4. Distribution of beads delivered into a single cell.