

Supplementary Information to

**Accurate tuning of ordered nanotubular platinum electrodes
by galvanic plating**

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Figure S1. Scanning electron micrographs of three Pt nanotube samples after removal of the polycarbonate matrix.

Figure S2. Scanning electron micrographs of three anodic alumina templates with the same period but various pore diameters.

Figure S3. Scanning electron micrographs of a Pt nanowire sample after removal of the anodic alumina matrix.

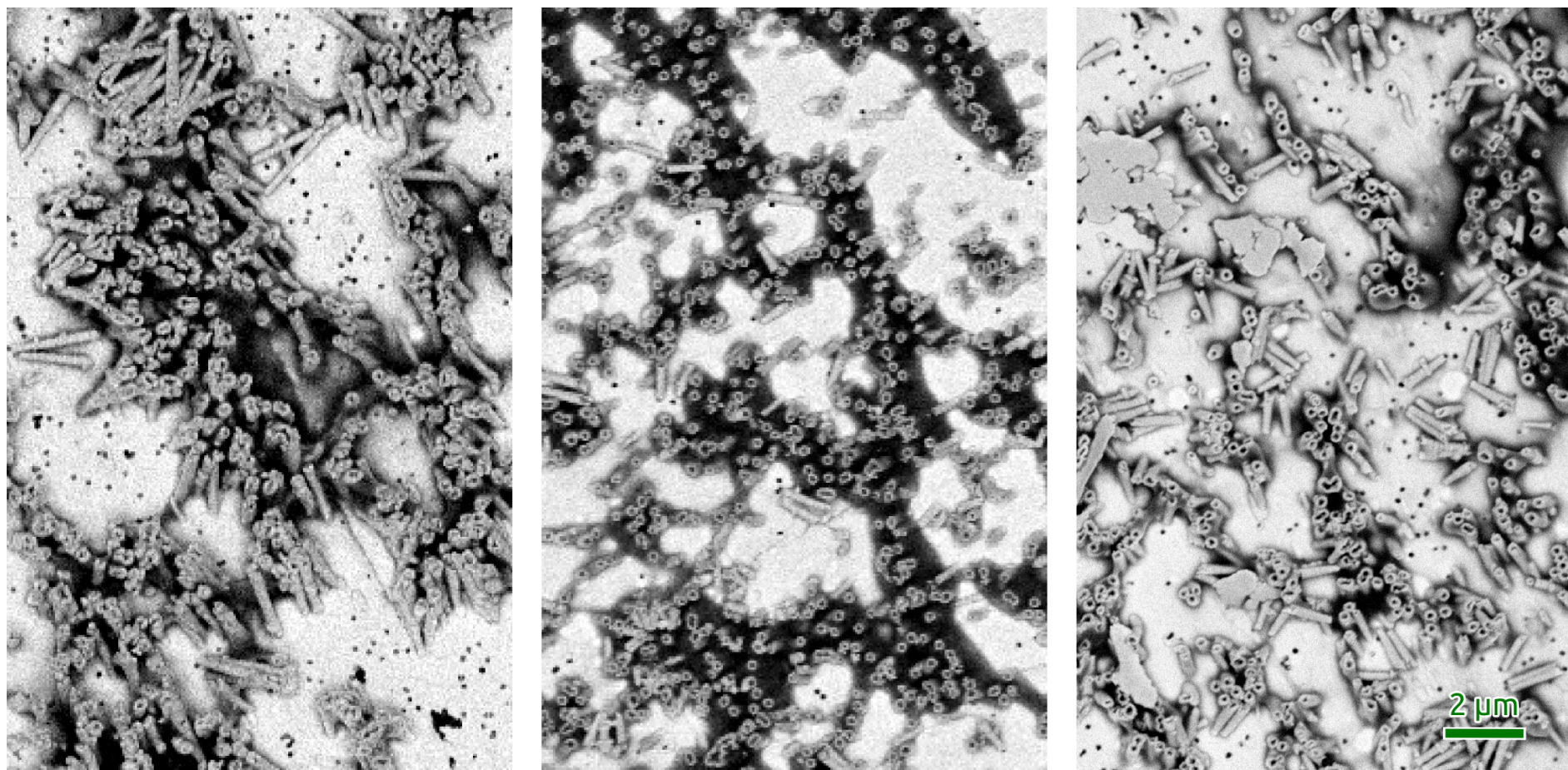


Figure S1. Scanning electron micrographs of three Pt nanotube samples after removal of the polycarbonate matrix, shown on a common scale. Deposition conditions: 6 mM H_2PtCl_6 , 1 M H_2SO_4 , -100 mV (left) / -200 mV (center) / -400 mV (right).

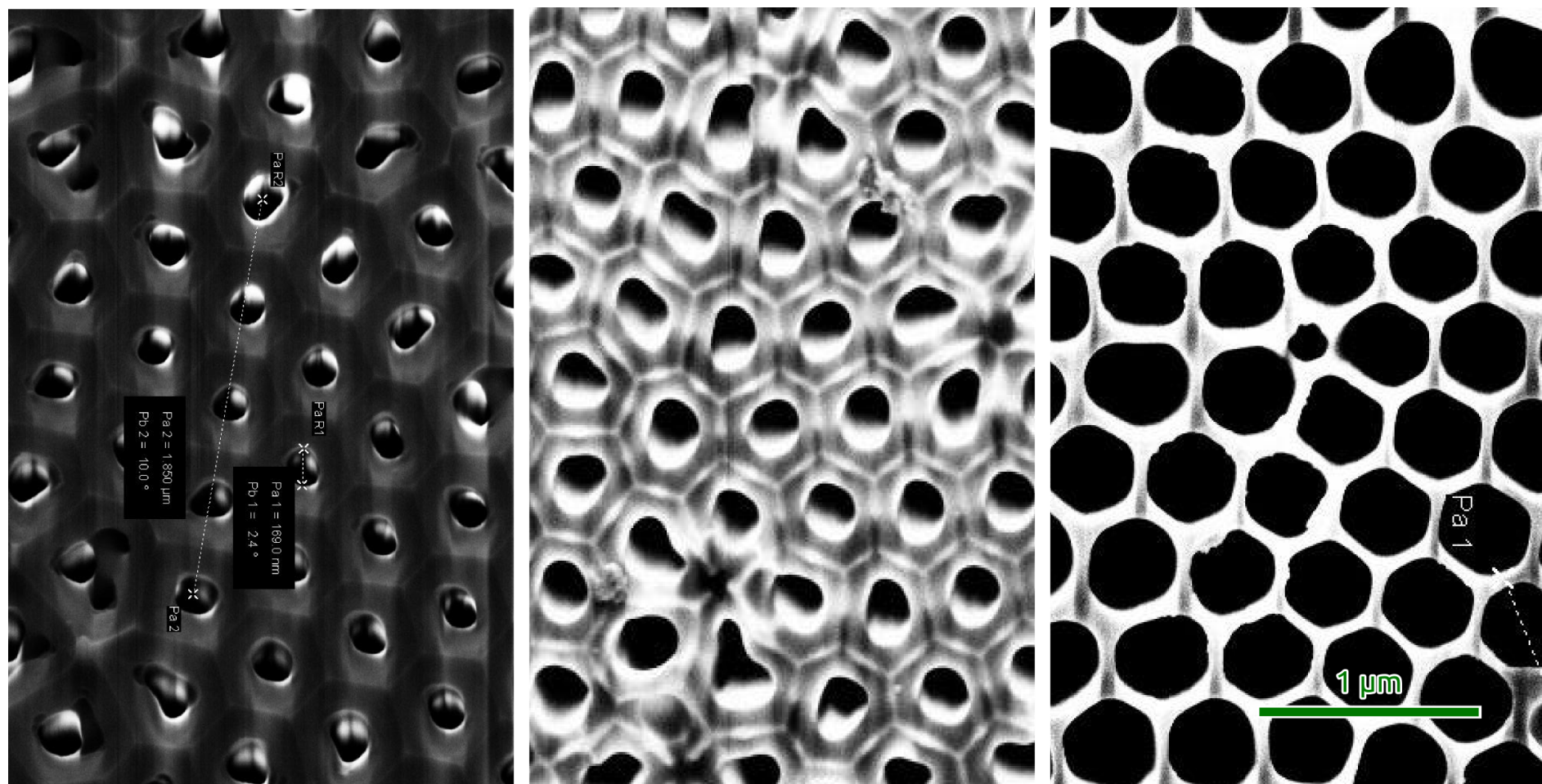


Figure S2. Scanning electron micrographs of three anodic alumina templates with the same period of 450(±50) nm and various pore diameters of 160(±30) nm, 230(±40) nm and 380(±50) nm, shown on a common scale.

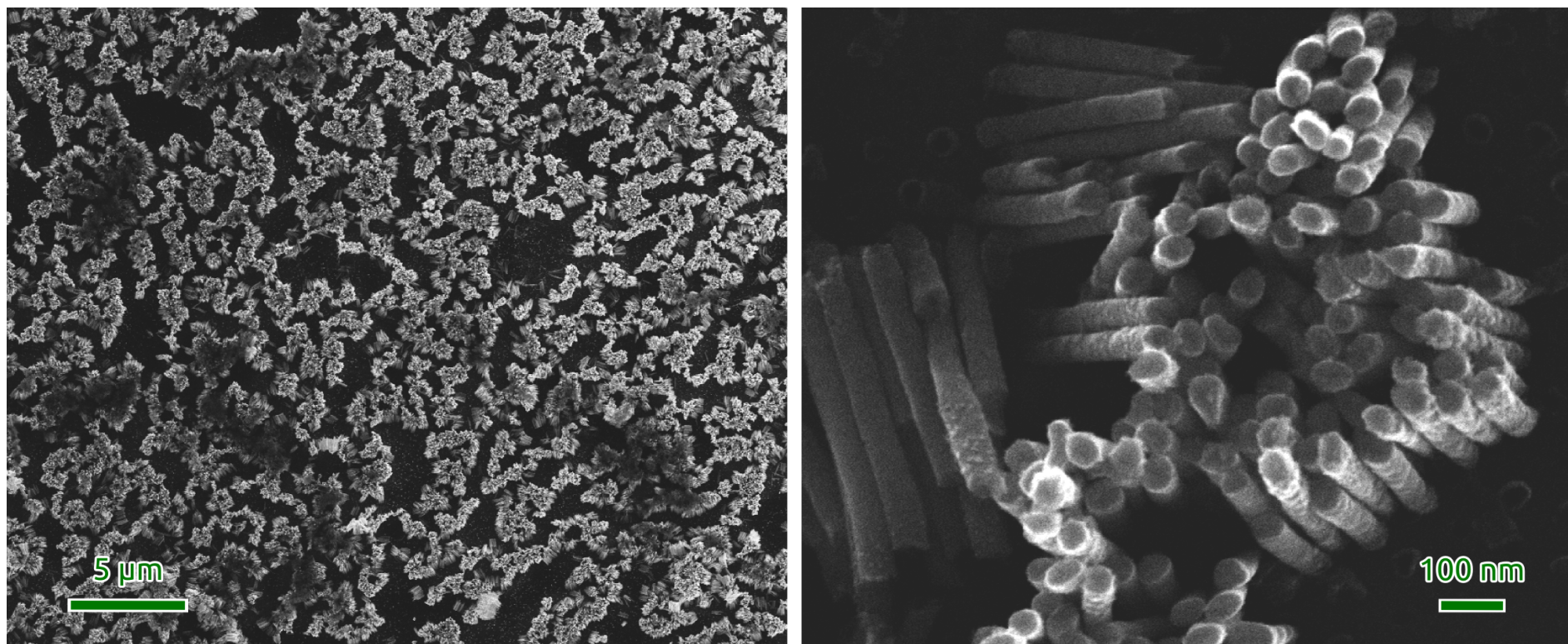


Figure S3. Scanning electron micrographs of a Pt nanowire sample after removal of the anodic alumina matrix (period $105(\pm 20)$ nm, diameter $60(\pm 20)$ nm), shown at two different magnification levels. Deposition conditions: 10 mM H_2PtCl_6 , pH 1.5, -400 mV.