

## Supporting Information

고분자 사슬의 형태 변화에 따른 Layer-by-Layer 조립된  
(PDDA/PEDOT:PSS) 다층박막 표면 형상의 영향

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### Effect on Surface Morphology of Layer-by-Layer Assembled (PDDA/PEDOT:PSS) Multilayer Thin Films by Conformation Change of Polymer Chains

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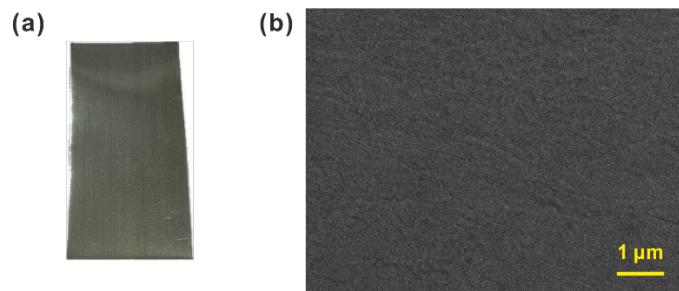
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*Keywords:* layer-by-layer assembly, thin film, PDDA, PEDOT:PSS, polyelectrolytes

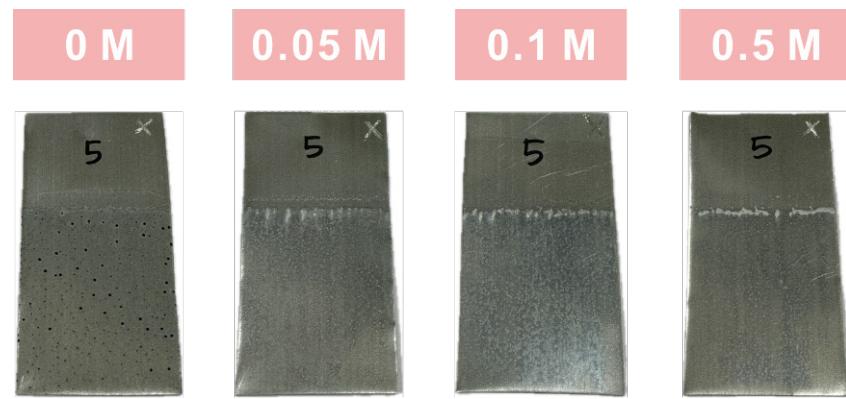
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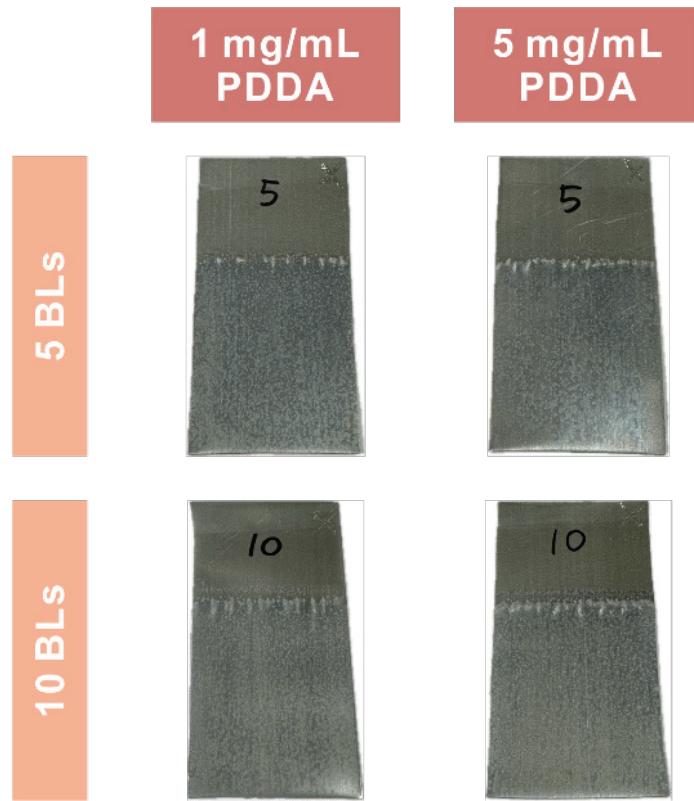
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**Figure S1.** (a) Photograph and (b) SEM image of bare Zn substrate.



**Figure S2.** Photographs of LbL assembled (PDDA/PEDOT:PSS)<sub>5</sub> concentrations of 5 mg/mL with varying concentrations of NaCl (0, 0.05, 0.10, and 0.50 M) in PEDOT:PSS solution.



**Figure S3.** Photographs of LbL assembled  $(\text{PDDA}/\text{PEDOT:PSS})_n$  with 0.10 M NaCl in 5 mg/mL PEDOT:PSS solution.