

Supporting Information

Label-free detection of salivary pepsin using gold nanoparticle / polypyrrole nanocoral modified screen-printed electrode

Doyeon Lee¹, Young Ju Lee², Young-Gyu Eun³, and Gi-Ja Lee^{1,2,*}

¹ Department of Medical Engineering, Graduate School, Kyung Hee University, Seoul 130-701, Korea

² Department of Biomedical Engineering, College of Medicine, Kyung Hee University, Seoul 130-701, Korea

³ Department of Otolaryngology–Head and Neck Surgery, Kyung Hee University Medical Center, Seoul 130-702, Korea

* To whom correspondence should be addressed. E-mail: gjlee@khu.ac.kr

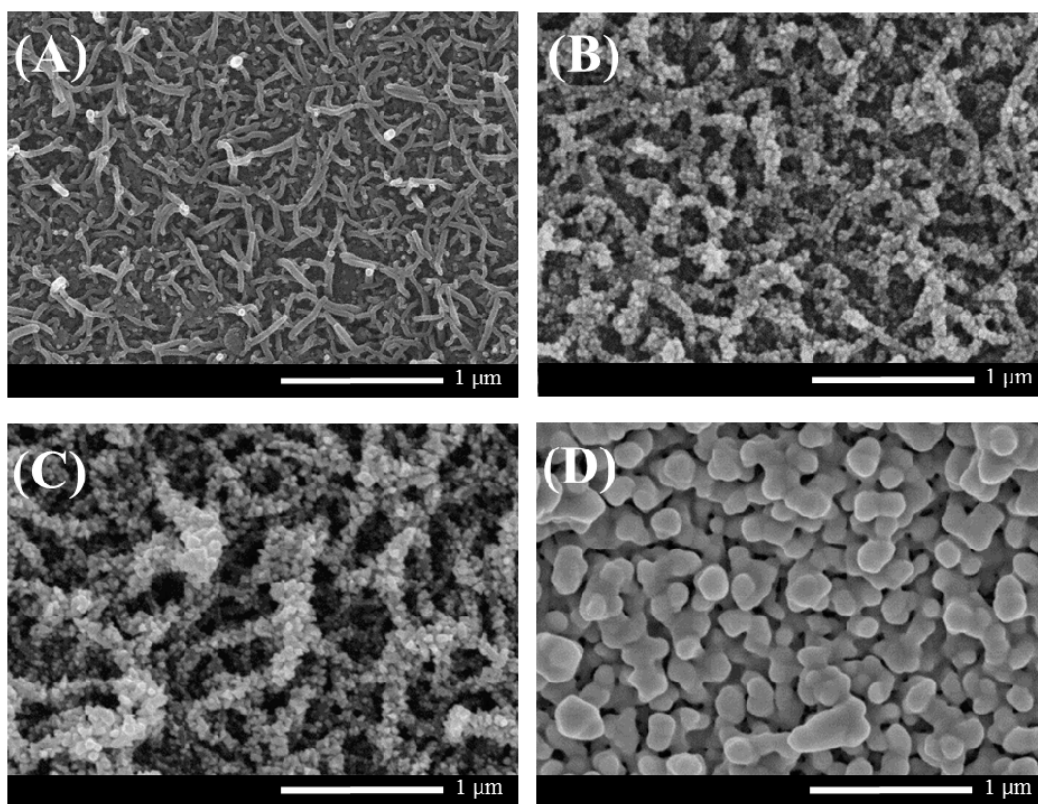


Figure S1. The SEM images of GNP/PPNCs/SPCE obtained from (A) 0, (B) 0.5, (C) 1, and (D) 5 mM $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$ solutions containing 0.1 M KCl.