



Supplementary information

Functionalized Silver Nano-Sensor for Colorimetric Detection of Hg²⁺ Ions: Facile Synthesis and Docking Studies

Kollur Shiva Prasad 1,*, Govindaraju Shruthi 2 and Chandan Shivamallu 2,*

- ¹ Chemistry Group, Manipal Centre for Natural Sciences, Manipal Academy of Higher Education, Manipal (MAHE), Udupi 576 104, Karnataka, India
- ² Faculty of Life Sciences, Division of Biotechnology and Bioinformatics, JSS Academy of Higher Education and Research (JSSAHER), Mysuru 570 015, Karnataka, India; shruthigovindaraju@gmail.com
- * Correspondence: shivachemist@gmail.com (K.S.P.); chandans@jssuni.edu.in (C.S.); Tel.: +91-820-292-3655

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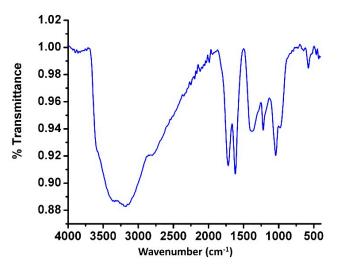


Figure S1. FT-IR spectrum of ADP-AgNPs-Hg²⁺ complex.

APD-AgNPs	Ni ²⁺	Zn ²⁺	Cu ²⁺	Fe ³⁺	Fe ²⁺	Na ⁺	Hg ²⁺
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Figure S2. Digital image of selectivity of ADP-AgNPs against various metal ions.

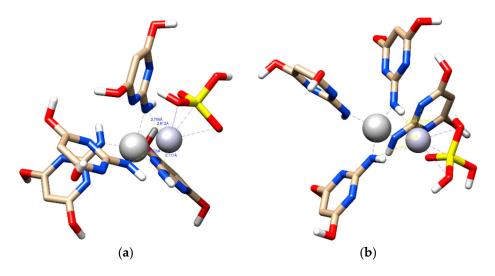


Figure S3. Images showing the interaction of Hg^{2+} with nitrogen atoms of APD-AgNPs ring in different orientations (**a** and **b**).