

Zn²⁺ and Cu²⁺ induced nanosheets and nanotubes in six different lectins by TEM

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SI 01 TEM micrographs of lectins in absence of metal ions.

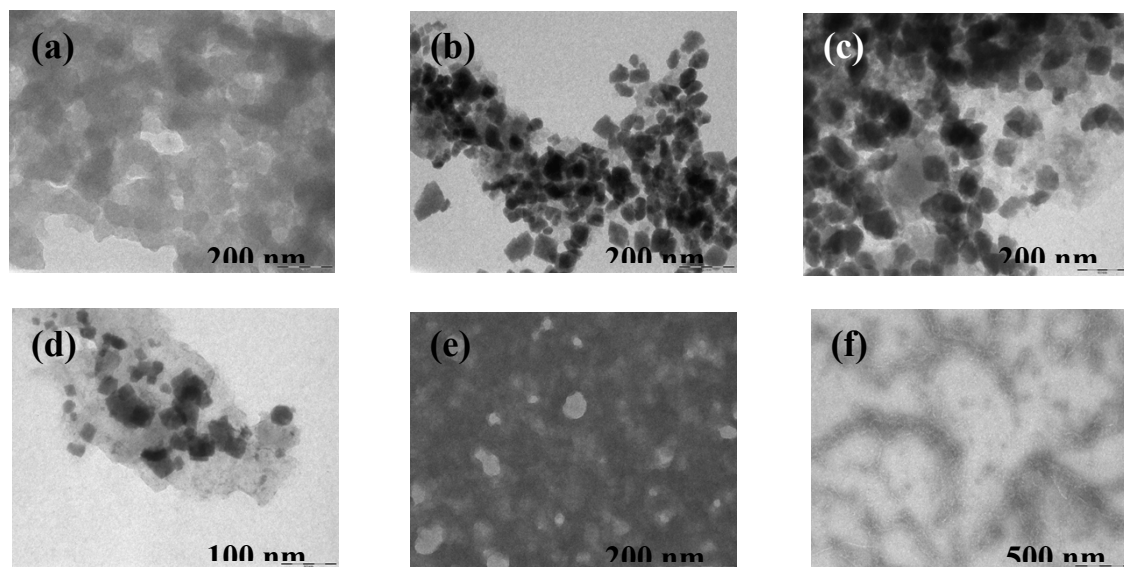


Fig. S01 TEM micrographs for the control experiments carried out with lectins in the absence of Zn^{2+} or Cu^{2+} but keeping all the other experimental conditions same: (a) DBL, (b) PSA, (c) ConA, (d) PHA-E, (e) WGA and (f) ASA.

SI 02 TEM micrographs of Plasmid PBR322 as control.

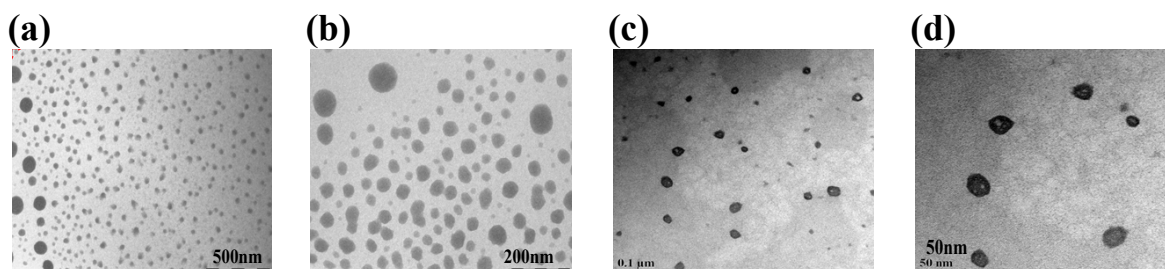


Fig. S02 TEM micrographs of PBR322: (a-d) control showing only PBR322.

SI 03 AFM micrographs of Zn²⁺ induced nanosheets in PNA.

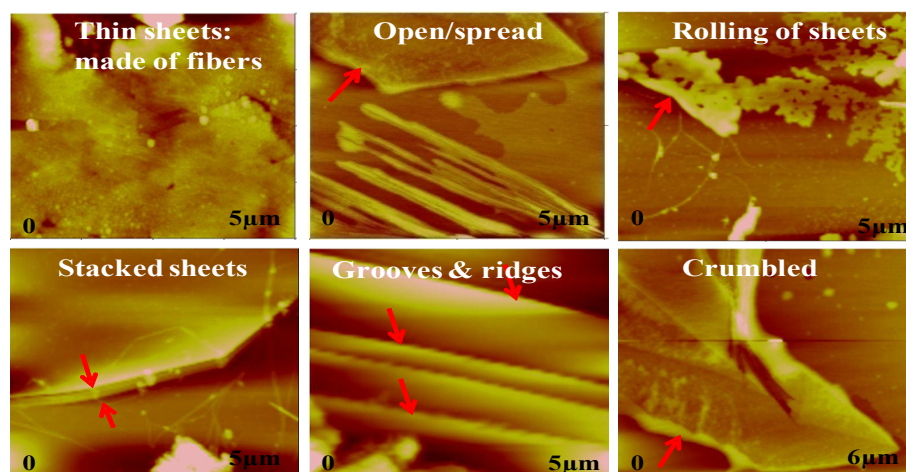


Fig. S03A AFM micrograph shows Zn²⁺ induced nanosheets from PNA. Different types are sheets have been marked.

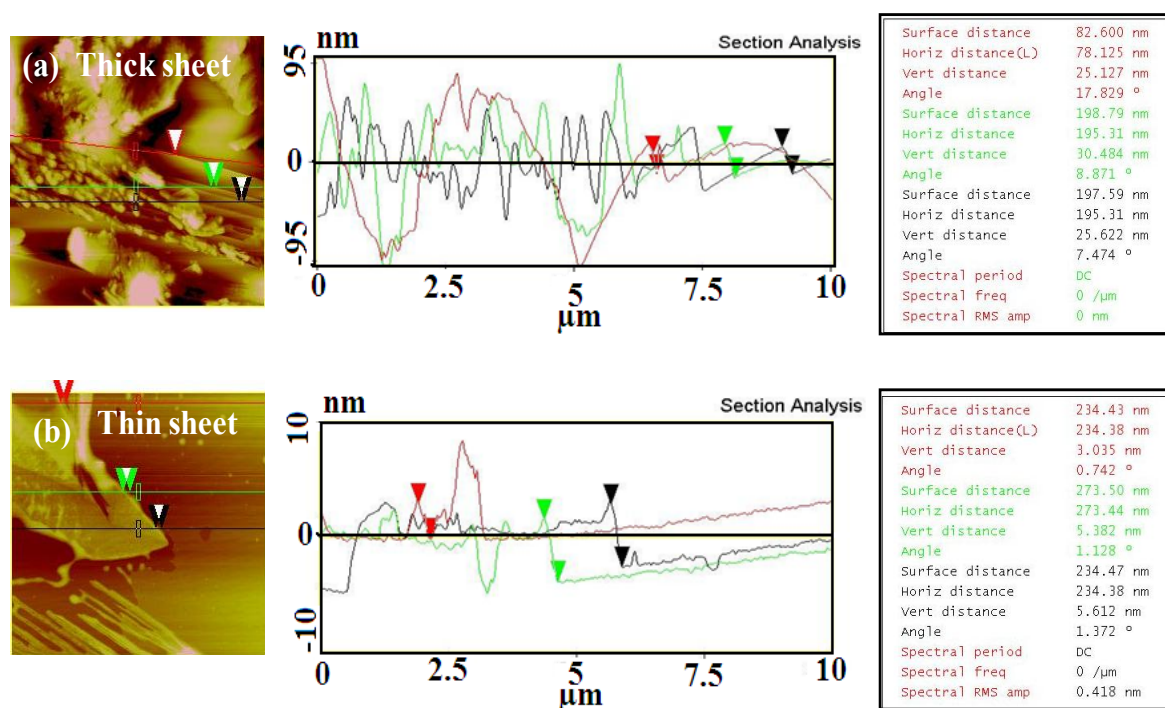


Fig. S03B Height measurements for (a) thick and (b) thin sheets at three positions calculated.

SI 04 SEM micrographs of Zn^{2+} and Cu^{2+} induced nanosheets in PNA.

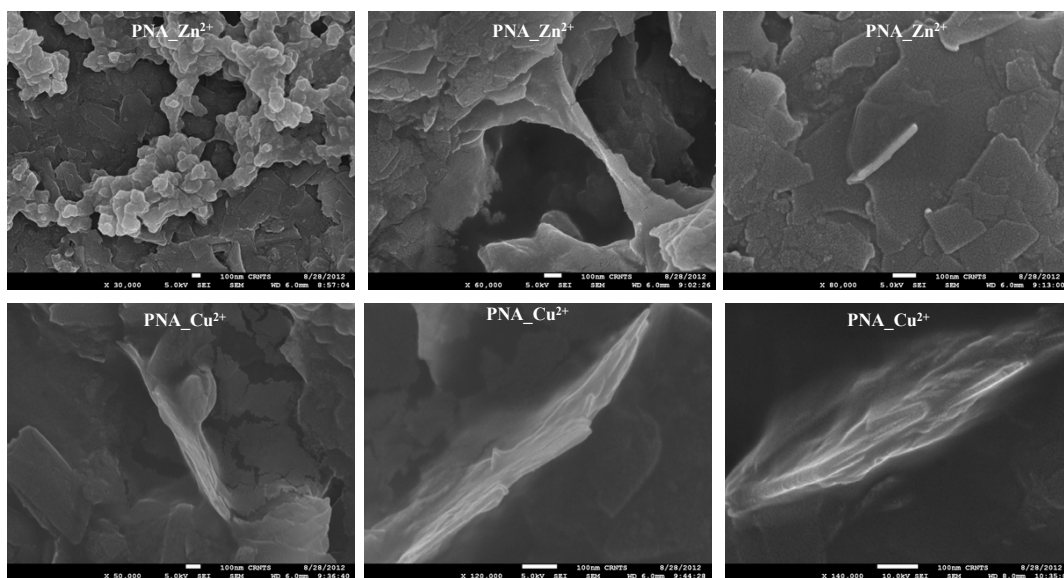


Fig. S04 SEM micrograph shows Zn^{2+} and Cu^{2+} induced nanosheets from PNA.