Electronic supplementary material (ESI)

This Journal is New Journal of chemistry 2015

Supplemental Information

Novel nanotube-shaped polypyrrole-Pd composite prepared using reverse microemulsion polymerization and its evaluation as an antibacterial agent

Alireza Salabat*,a, Farid Mirhoseinia, Majid Mahdiehb and Hassan Saydia

* Correspondence to: A. Salabat, TEL: +98-86-34173400; Fax: +98-86-34173406; E-mail address: <u>A-Salabat@araku.ac.ir</u>

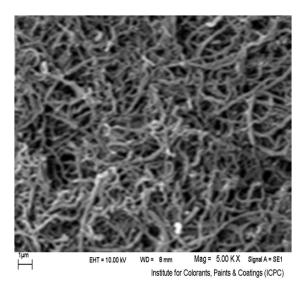


Fig. S1. SEM micrograph of PPy-Pd nanocomposite.

^a Department of Chemistry, Faculty of Science, Arak University, 38156-8-8349, Arak, Iran

^b Department of Biology, Faculty of Science, Arak University, 38156-8-8349, Arak, Iran

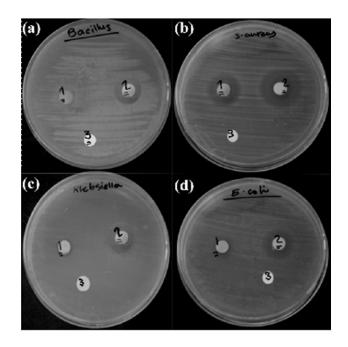


Fig. S2. Antibacterial activity of clinical strain of (a) *Bacillus*, (b) *Staphylococcus aureus*, (c) *Klebsiella* and (d) *Escherichia coli*, with (1) Pure PPy, (2) PPy-Pd composite and (3) Control, by Kirby-bauer method.