

Supplementary information

Efficient Adsorption on Benzoyl and Stearoyl Cellulose to Remove Phenanthrene and Pyrene from Aqueous Solution

Yohan Kim ^{1,†}, Daham Jeong ^{1,†}, Kyeong Hui Park ¹, Jae-Hyuk Yu ² and Seunho Jung ^{1,*}

¹ Department of Systems Biotechnology, Microbial Carbohydrate Resource Bank (MCRB), Center for Biotechnology Research in UBITA (CBRU), Konkuk University, Seoul 05029, Korea; shsks1@hanmail.net (Y.K); amir@konkuk.ac.kr (D.J); kyeonghee17@naver.com (K.H.P)

² Departments of Bacteriology and Genetics, University of Wisconsin-Madison, Madison, WI 53706, USA; jyu@wisc.edu

* Correspondence: shjung@konkuk.ac.kr; Tel.: +82-2-450-3520

† These authors contributed equally to this work.

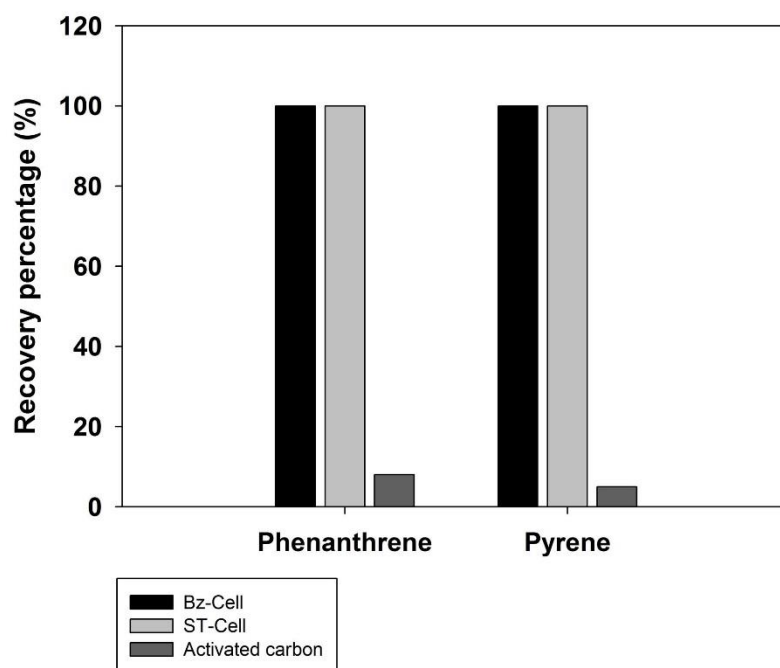


Figure S1. Recovery percentage (%) of PAHs from Bz-Cell, St-Cell, and activated carbon by MeOH.

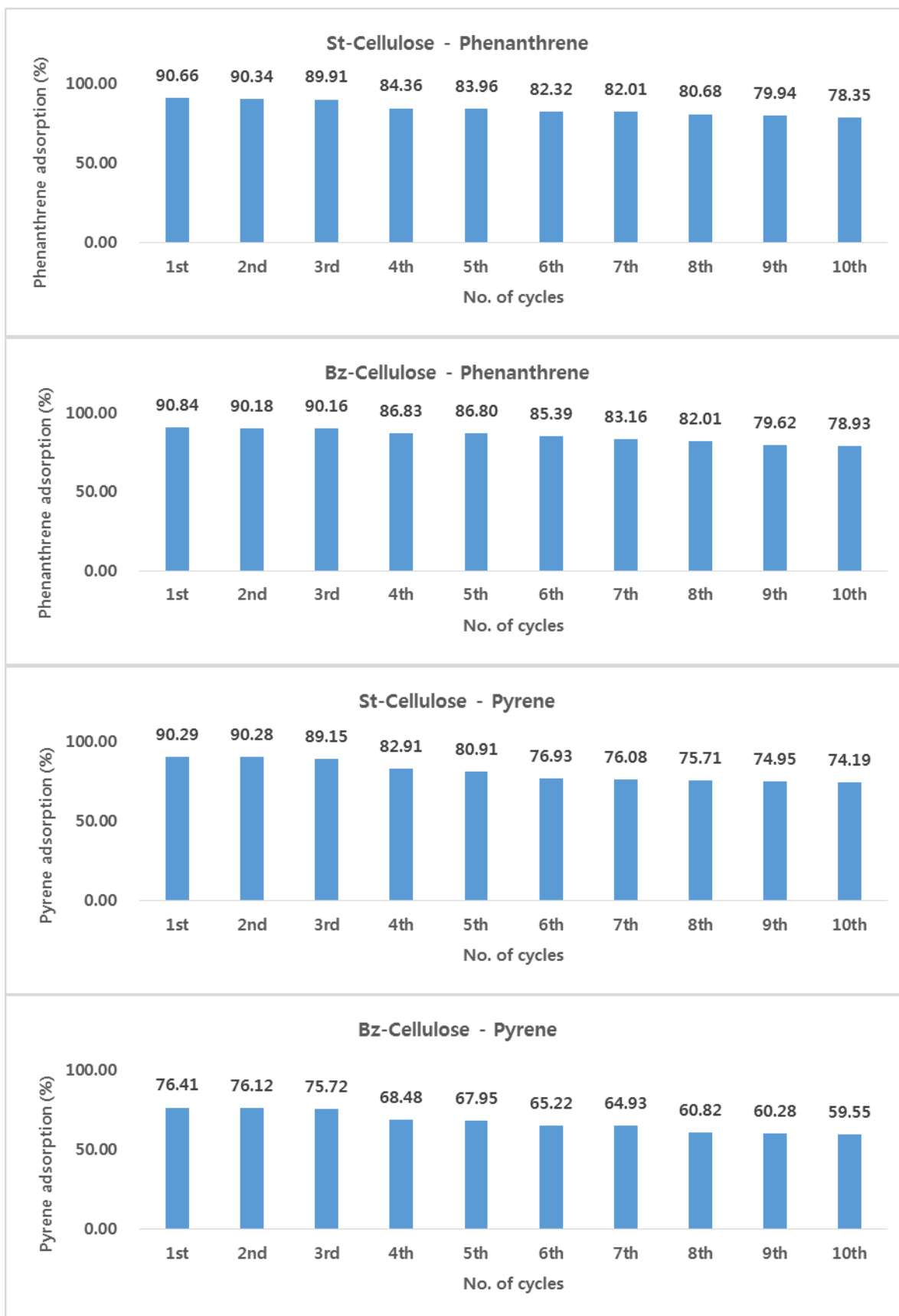


Figure S2. Recycling of Bz-Cell and St-Cell for the removal of phenanthrene and pyrene up to 10th cycles.

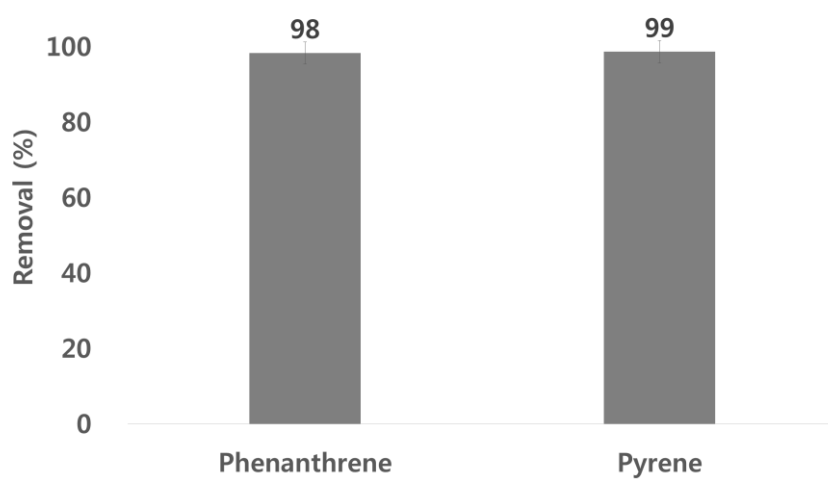


Figure S3. Removal efficiency (%) of phenanthrene and pyrene by activated carbon.