

**Supplementary Information**

**Magnesium aminoclay-Fe<sub>3</sub>O<sub>4</sub> (MgAC-Fe<sub>3</sub>O<sub>4</sub>) hybrid  
composites for harvesting of mixed microalgae**

Bohwa Kim <sup>1,\*</sup>, Vu Khac Hoang Bui <sup>2,\*</sup>, Wasif Farooq <sup>3</sup>, Sang Goo Jeon <sup>4</sup>, You-Kwan Oh <sup>5,\*\*</sup>,  
and Young-Chul Lee <sup>2,\*\*</sup>,

<sup>1</sup> Advanced Biomass R&D Center, KAIST, 291 Daehak-ro, Yuseong-gu, Daejeon 34141,  
Republic of Korea; kbh87@kaist.ac.kr

<sup>2</sup> Department of BioNano Technology, Gachon University, 1342 Seongnamdaero, Sujeong-  
gu, Seongnam-si, Gyeonggi-do 13120, Republic of Korea; hoangvu210190@gmail.com

<sup>3</sup> Department of Chemical Engineering, King Fahd University of Petroleum and Minerals  
(KFUPM), Dhahran, 31261, Saudi Arabia; engr.wasif@gmail.com

<sup>4</sup> Biomass and Waste Energy Laboratory, Korea Institute of Energy Research  
(KIER), Daejeon 34129, Republic of Korea; sgjeon@kier.re.kr

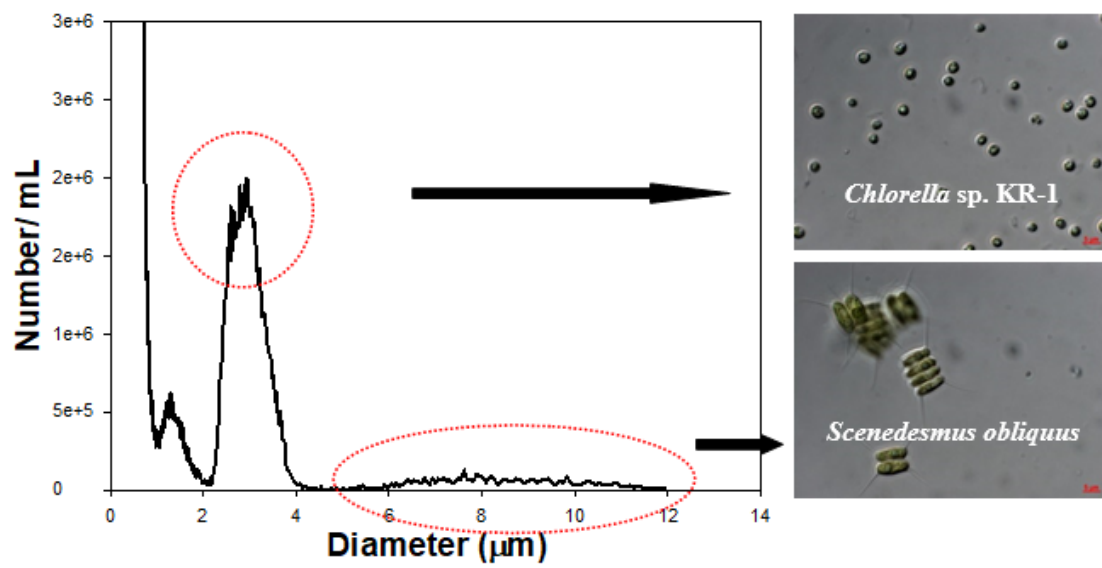
<sup>5</sup> School of Chemical and Biomolecular Engineering, Pusan National University, Busan  
46241, Republic of Korea; youkwan@pusan.ac.kr

\* Equally Contributing Authors

\*\* Correspondence: youkwan@pusan.ac.kr (Y.-K. Oh); dreamdbs@gachon.ac.kr (Y.-C. Lee).

Tel.: +82-51-510-2395 (Y.-K. Oh); +82-31-750-8751 (Y.-C. Lee).

Fax: +82-51-512-8563 (Y.-K. Oh); +82-31-750-4748 (Y.-C. Lee).



**Figure S1.** Number size distribution of mixed microalgae by Beckman Coulter.