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Authors: Ning Liu, Tao Hou, Hongjie Yin, Lujia Han, Guangqun Huang



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## Effects of amoxicillin on nitrogen transformation and bacterial community succession during aerobic composting

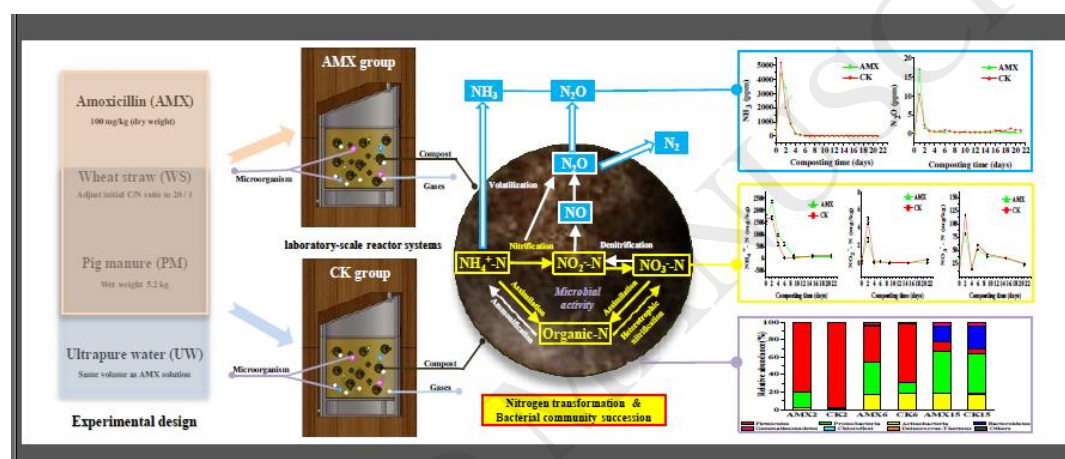
Ning Liu <sup>a</sup>, Tao Hou <sup>a</sup>, Hongjie Yin <sup>a</sup>, Lujia Han <sup>a</sup>, Guangqun Huang <sup>a,\*</sup>

<sup>a</sup> Laboratory of Biomass and Bioprocessing Engineering, College of Engineering, China Agricultural University, Beijing 100083, China

\* Corresponding author at: China Agricultural University (East Campus), Beijing 100083, P.R. China; Fax: 86-10-6273-6778; Tel: 86-10-6273-6778.

E-mail address: [huanggq@cau.edu.cn](mailto:huanggq@cau.edu.cn) (G. Huang).

### Graphical abstract



### Highlights:

Amoxicillin (AMX) alters nitrogen transformation and release relative to control.

AMX raised  $\text{NH}_4^+\text{-N}$  content and lowered  $\text{NO}_2^-\text{-N}$  and  $\text{NO}_3^-\text{-N}$  content versus control.

AMX delays compost maturation and alters bacterial community makeup and succession.

AMX reduced Firmicutes, Bacteroidetes and improved Proteobacteria relative abundance.

\* Corresponding author at: China Agricultural University (East Campus), Beijing 100083, P.R. China; Fax: 86-10-6273-6778; Tel: 86-10-6273-6778.

E-mail address: [huanggq@cau.edu.cn](mailto:huanggq@cau.edu.cn) (G. Huang).

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