

# Effects of long-term exposure of pharmaceuticals and personal care products on algogenic organic matter characteristics

Weiwei Huang<sup>1,2</sup>, Weiwei Lv<sup>1,2</sup>, Quan Yuan<sup>1</sup>, Wenzong Zhou<sup>1,2\*</sup>, Tian Li<sup>3\*</sup>, Bingzhi

Dong<sup>3</sup>

1 Eco-Environmental Protection Research Institute, Shanghai Academy of Agricultural Sciences, Shanghai 201403, China;

2 Laboratory of Integrated Rice-Fish Farming Ecosystem, Ministry of Agriculture and Rural Affairs, Shanghai Agricultural Academy of Sciences, Shanghai 201403, China;

3 School of Environmental Science and Engineering, Tongji University, Shanghai 200092, China;

\* Correspondence: lovecity@outlook.com (W.Z.); hwwswx@126.com (T.L.)

Tel./Fax: +86-21-65982691

Table S1 OD<sub>680</sub> of AOM under various PPCPs treatments at end of experiment

	0 µg/L	0.25µg/L	1µg/L	10 µg/L	100µg/L	1000µg/L
CMZ	1.535	1.692	1.712	1.506	1.483	1.503
NPX	2.525	2.621	2.545	2.763	2.52	2.39
DFC	3.088	2.889	2.93	3.008	3.099	3.158

Table S2 SUVA of AOM under various PPCPs treatments at end of experiment

	0 µg/L	0.25µg/L	1µg/L	10 µg/L	100µg/L	1000µg/L
CMZ (day 39)	0.831	0.868	0.964	0.897	1.107	1.051
NPX (day 45)	1.733	1.739	2.033	2.099	1.729	1.473
DFC (day 41)	0.753	0.552	0.530	0.623	0.636	0.627