

Supplementary Materials

Microorganisms

"Unity and struggle of opposites" as a basis for the functioning of synthetic bacterial immobilized consortium that continuously degrades organophosphorus pesticides

Elena Efremenko^{1*}, Nikolay Stepanov¹, Olga Maslova¹, Olga Senko¹, Aysel Aslanli¹, Ilya Lyagin¹

¹Lomonosov Moscow State University, Lenin Hills 1/3, 119991 Moscow, Russia;
elenae_efremenko@list.ru (E.E.); na.stepanov@gmail.com (N.S.); olga.maslova.rabota@gmail.com (O.M.);
senkoov@gmail.com (O.S.); ayselaslanli@mail.ru (A.A.); lyagin@mail.ru (I.L.);
* Correspondence: elena_efremenko@list.ru; Tel.: +7-495-939-3170; Fax: +7-495-939-5417

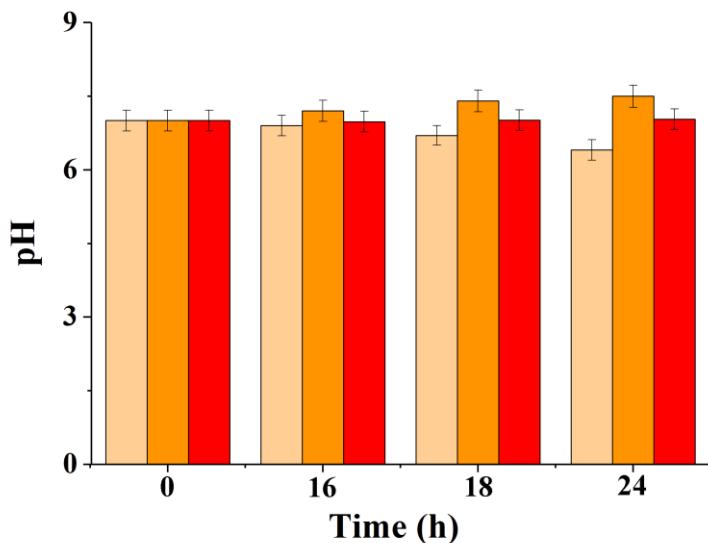


Figure S1. pH values of the medium used for paraoxon biodegradation by bacterial strains and IMAC (■ - *P. esterophilus*, ■ - *R. ruber*, ■ - IMAC) during the cell cultivation.

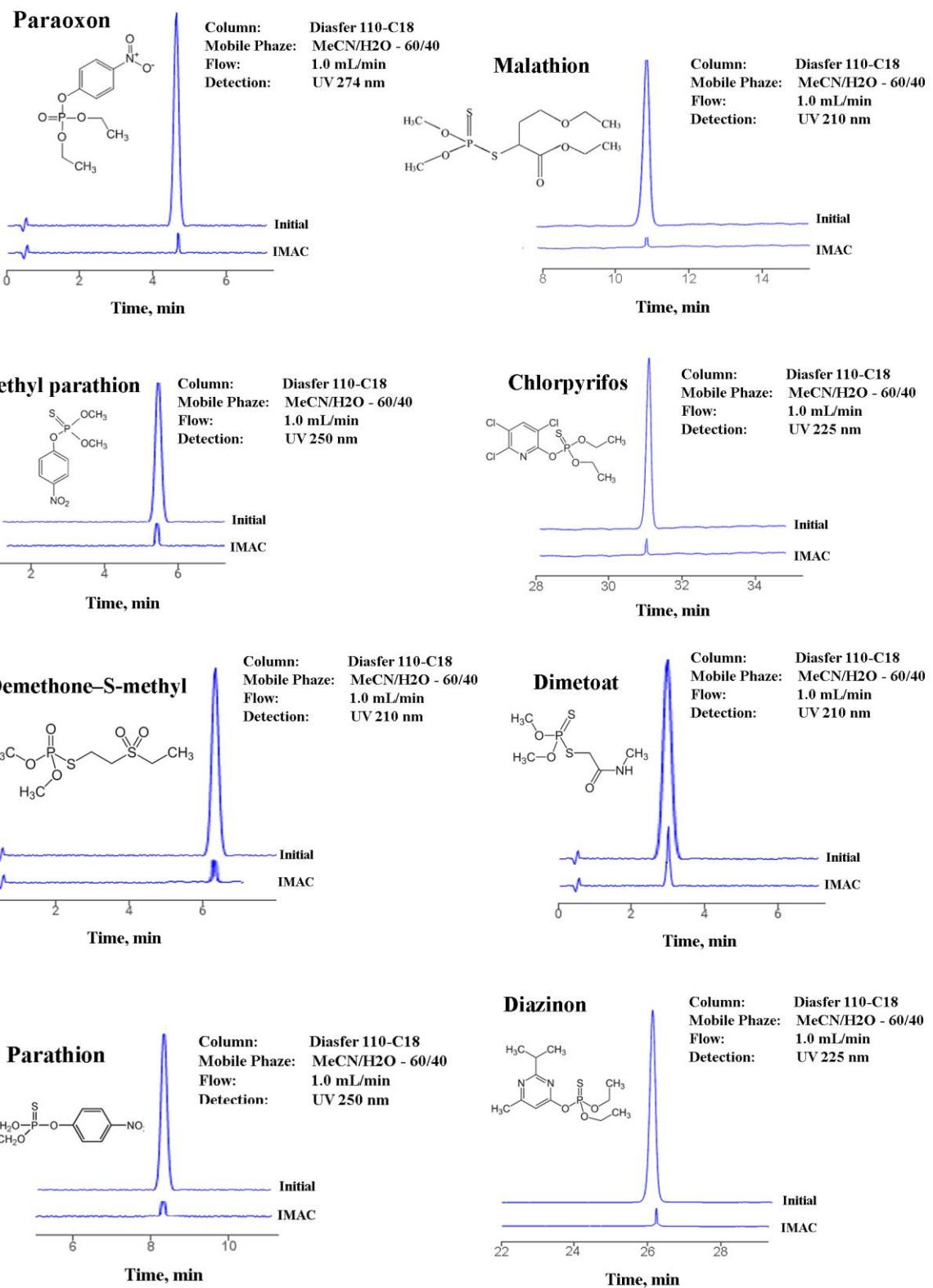


Figure S2. Chromatograms of OPP degradation by IMAC.