

## عنوان مقاله:

Production of biodegradable polyster (PHA) from wastewater of olive oil mills by recombinant microorganisms

## محل انتشار:

اولین سمینار تخصصی محیط زیست و رنگ (سال: 1382)

تعداد صفحات اصل مقاله: 7

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## خلاصه مقاله:

This study demonstrated that microorganisms could recycle waste organic molecules to commercially useful and environmentally innocuous products, such as poly – hydroxyalkanoates (PHA), and simultaneously treat wastewater effectively to meet discharge standard . the nutritionally versatile pseudomonas putida had showed to grow in olive waste water called "alpechina" which is toxic many other microorganisms. The transformation with the plasmid Psk 2665 , Harboring alcaligenes eutrophus genes needed for synthesis of poly (3- hidroxybutiric acid ) allow pseudomonas strain to grow in high concentration of the wastewater "alpachino" accumulating biofegradable .thermoplastic

## کلمات کلیدی:

poly - hydroxyalkanoates , wastewater , olive oil , biodegradable

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/9705>

