

付記

本論文は下記の発表論文を中心にまとめたものである。

Toshiaki Nakajima-Kambe, Fumiko Onuma, Yukie Akutsu, and Tadaatsu Nakahara, Determination of the polyester polyurethane breakdown products and distribution of the polyurethane degrading enzyme of *Comamonas acidovorans* strain TB-35., *Journal of Fermentation and Bioengineering*, **83**(5), 454-458 (1997).

(本文の第2章に相当する。)

Yukie Akutsu, Toshiaki Nakajima-Kambe, Nobuhiko Nomura, and Tadaatsu Nakahara, Purification and properties of a polyester polyurethane-degrading enzyme from *Comamonas acidovorans* TB-35., *Applied and Environmental Microbiology*, **64** (1), 62-67 (1998).

(本文の第3章に相当する。)

Nobuhiko Nomura, Yukie Shigeno-Akutsu, Toshiaki Nakajima-Kambe, and Tadaatsu Nakahara, Cloning and sequence analysis of a polyurethane esterase of *Comamonas acidovorans* TB-35., *Journal of Fermentation and Bioengineering*, **86** (4) 339-345 (1998).

(本文の第5章及び第7章に相当する。)

Yukie Shigeno-Akutsu, Toshiaki Nakajima-Kambe, Nobuhiko Nomura, and Tadaatsu Nakahara, Purification and properties of culture-broth secreted esterase from polyurethane degrader, *Comamonas acidovorans* TB-35., *Journal of Bioscience and Bioengineering*, **88** (5) 484-487 (1999).

(本文の第4章及び第6章に相当する。)