

## TECHNICAL REFERENCES

### BACTERIAL METABOLISM

#### Chloro aliphatic degradation:

1. Nelson, M.J.K., S.O. Montgomery, W.R. Mahaffey, and P.H. Pritchard. 1987. Biodegradation of trichloroethylene and involvement of an aromatic biodegradative pathway. *Appl. Environ. Microbiol.* 53: 949-954.
2. Shields, M.S., S.O. Montgomery, P.J. Chapman, S.M. Cuskey and P.H. Pritchard. 1989. Novel pathway of toluene catabolism in the trichloroethylene-degrading bacterium G4. *Appl. Environ. Microbiol.* 55: 1624-1629
3. Wackett, L.P., and D.T. Gibson. 1998. Degradation of trichloroethylene by toluene dioxygenase in whole-cell studies with *Pseudomonas putida* Fl. *Appl. Environ. Microbiol.* 54: 1703-1708
4. Folsom, B.R. and P.J. Chapman. 1991. Performance characterization of a model bioreactor for the biodegradation of trichloroethylene by *Pseudomonas cepacia* G4. *Appl. Environ. Microbiol.* 57: 1602-1608
5. Newman, L.M., and L.P. Wackett. 1997. Trichloroethylene oxidation by purified toluene 2-monooxygenases: products, kinetics and turnover-dependent inactivation. *J. Bacteriol.* 179: 90-96.
6. Pee, D. C., J.A. Maynard, and T.K. Wook. 1998. Rhizoremediation of trichloroethylene by a recombinant, root-colonizing *Pseudomonas fluorescens* strain expressing toluene ortho-monooxygenase constitutively. *Appl. Environ. Microbiol.* 64: 112-118.