

## PUBLICATIONS

- Song, B., L. Y. Young, and N. J. Palleroni. (1998)** Identification of denitrifier strain T1 as *Thauera aromatica* and proposal for emendation of the genus *Thauera* definition. *Int J Syst Bacteriol* **48**, 889-894.
- Song, B., M. M. Häggblom, J. Zhou, J. M. Tiedje and N. J. Palleroni. (1999)** Taxonomic characterization of denitrifying bacteria that degrade aromatic compounds and description of *Azoarcus toluvorans* sp. nov. and *Azoarcus toluclasticus* sp. nov.. *Int J Syst Bacteriol* **49**, 1129-1140.
- Song, B., N. J. Palleroni and M. M. Häggblom. (2000)** Description of strain 3CB-1, a genomovar of *Thauera aromatica*, capable of degrading 3-chlorobenzoate coupled to nitrate reduction *Int J Syst Evolut Microbiol* **50**, 551-558.
- Vargas, C., B. Song, M. Camps and M. M. Häggblom. (2000)** Anaerobic degradation of fluorinated aromatic compounds. *Appl Microbiol Biotech* **53**, 342-347.
- Song, B., N. J. Palleroni and M. M. Häggblom. (2000)** Isolation and characterization of diverse halobenzoate-degrading bacteria from soils and sediments. *Appl Microbiol Environ* **66**, 3446-3453.
- Song, B., N. J. Palleroni, L. J. Kerkhof and M. M. Häggblom. (2001)** Characterization of halobenzoate-degrading denitrifying bacteria belonging to the genera *Azoarcus* and *Thauera* and description of *Thauera chlorobenzoica* sp. nov. *Int J Syst Evolut Microbiol* **51**, 589-602.
- Song, B., L. J. Kerkhof and M. M. Häggblom. (2002)** Characterization of bacterial consortia capable of degrading 4-chlorobenzoate and 4-bromobenzoate under denitrifying conditions. *FEMS Microbiol Lett* **213**, 183-188.
- Song, B and B. B. Ward. (2003)** Nitrite reductase genes in halobenzoate degrading denitrifying bacteria and related species. *FEMS Microbiol Ecol* **43**. 349-357
- Song, B and B. B. Ward. (2004)** Molecular characterization of assimilatory nitrate reductase gene in marine green alga *Dunaliella tertiolecta*. *J Phycol* **40**. 721-731.
- Song, B and B. B. Ward. (2004)** Molecular cloning and characterization of high affinity nitrate transporters in marine phytoplankton. in preparation.
- Song, B and B. B. Ward. (2004)** Seasonal variation of marine phytoplankton at Monterey Bay detected by high affinity nitrate transporter genes. in preparation.
- Song, B and B. B. Ward. (2004)** Genetic diversity of benzoyl-CoA reductase genes detected in estuarine sediments. *Appl Microbiol Environ* Accepted for publication.
- Song, B and B. B. Ward. (2004)** Diverse anaerobic microbial communities capable of degrading phenolic compounds detected on the basis of 4-hydroxybenzoyl-CoA reductase genes. in review.
- Song, B and B. B. Ward. (2004)** Determination of anaerobic degradation of toluene and xylene by detecting benzylsuccinate synthase genes in denitrifying bacteria and estuarine sediment samples. in preparation.
- Song, B and B. B. Ward. (2004)** Wide distribution of selenate reduction in denitrifying bacteria and estuarine sediments: detection and diversity of selenate reductase genes. in preparation.
- Song, B and B. B. Ward. (2004)** Arsenite oxidase genes found in  *$\alpha$ -Proteobacteria* and environmental samples. in preparation.
- Song, B and B. B. Ward. (2004)** Genetic diversity of dissimilatory arsenate reductase genes detected in Chesapeake Bay sediments collected from three different stations along the variation of environmental parameters. in preparation.