Microorganisms and Biofilms

LS.1.P025 The Morphology and Ultrastructure of a new 2 - Methoxyethanol utilizing Pseudomonas *SP*.

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A new strain of *Pseudomonas* designated as *Pseudomonas* sp., strain VB, degrading 2methoxyethanol was isolated from anaerobic sewage sludge. The cells are rod-shaped, motile with polar lophotrichous flagella numbering between 7 and 9. Electron microscopy revealed cells aggregating to form a network connected by interconnecting filaments. A thin section of the filaments showed an outer sheath surrounding a core area and an inner electron dense area. A thin section of the cell showed the typical Gram-negative cell