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(54) Title: CO-CULTIVATION OF A MYXOBACTERIUM AND ACINETOBACTER FOR ENHANCED PRODUCTION OF EMULSAN

(57) Abstract: Methods are provided for enhanced production of one or more microbial biopolymers, the methods comprising co-cultivating *Stigmatella aurantiaca* and *Acinetobacter venetianus*. In certain embodiments, the one or more biopolymers are emulsan. In certain embodiments, other microbial growth by-products are produced, such as biosurfactants. Microbe-based products produced according to the subject methods are also provided, as well as their uses in, for example, oil and gas recovery, agriculture, and health care.

