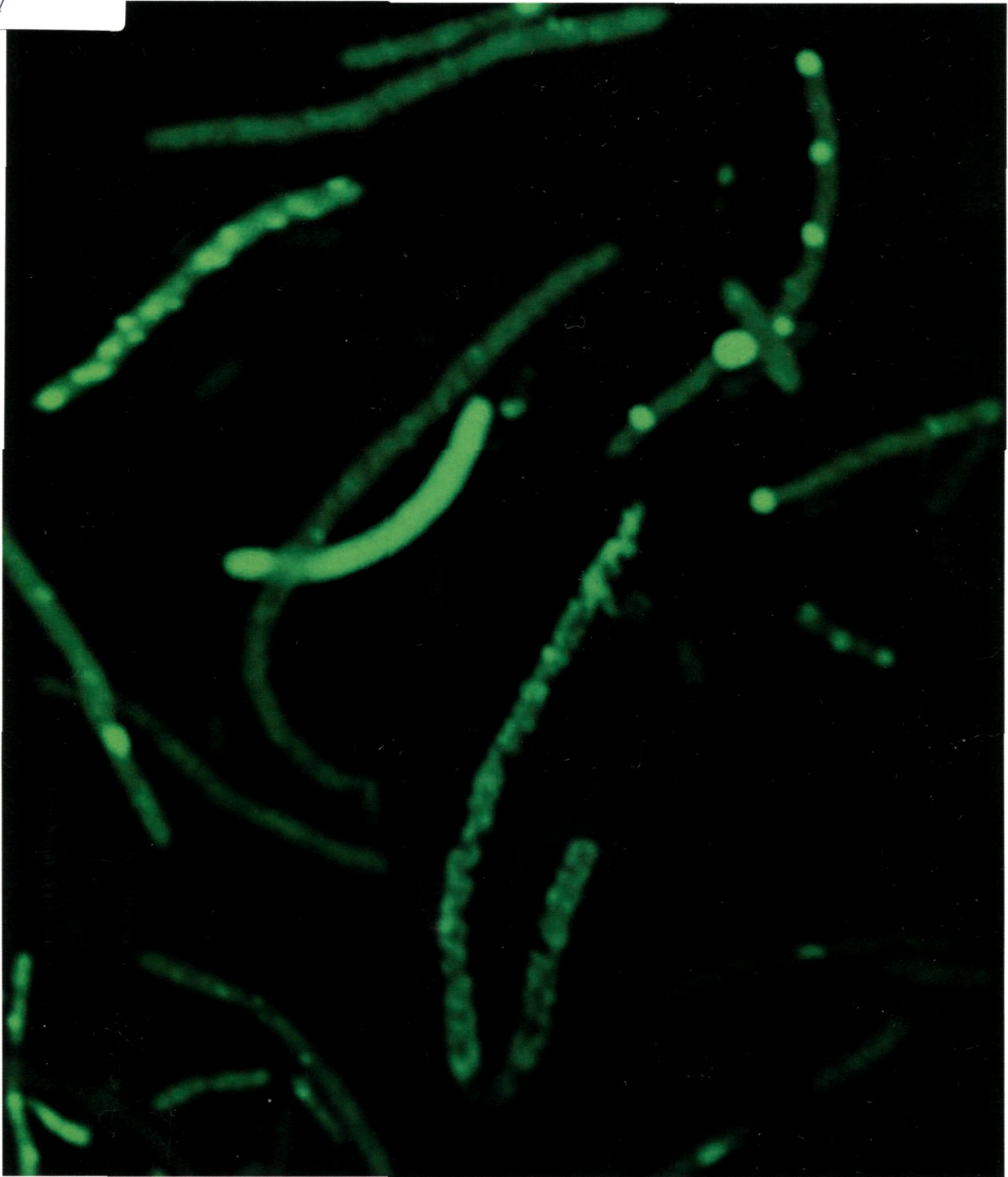


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Cover photograph (Copyright © 2014, American Society for Microbiology. All Rights Reserved.): Manganese stress induces filamentation of *Escherichia coli* $\Delta hflX$ cells, suggesting that HflX is involved in manganese homeostasis. This manganese-sensitive phenotype of the *E. coli* $\Delta hflX$ strain is the result of a slow replication fork, DNA damage, and the SOS response. The confocal microscopic image of filamentous *E. coli* $\Delta hflX$, which was engineered to express *recA-gfp* as a single transcription unit from the chromosome, shows green fluorescent foci in the cell under manganese stress. RecA is known to be induced by the SOS response. The foci represent the formation of RecA-green fluorescent protein filaments at sites of DNA damage. (See related article on page 2587.)