



**FIGURE 6.8.** Some archaeal species fold their chromosomal DNA into structures resembling the nucleosomes of eukaryotes. (A) Electron micrograph of nucleosomes from *Methanobacterium thermoautotrophicum*. (B) Proteins homologous to eukaryotic histones are used in the core of these nucleosomes, indicating that these structures are homologous with nucleosomes of eukaryotes.

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