

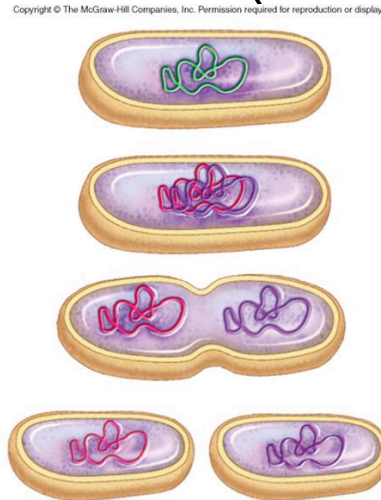
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a way of
reproducing

mitosis for
bacteria

binary
fission



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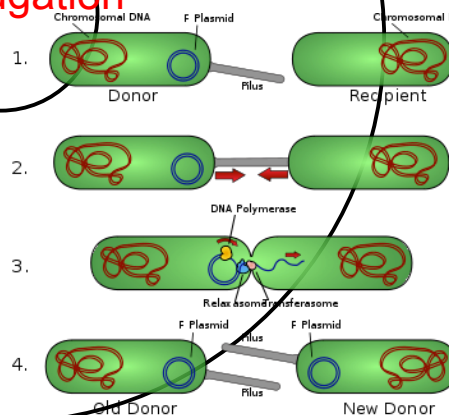
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transferring DNA

from one
bacteria to
another

DNA combines to
make a genetically
new bacteria

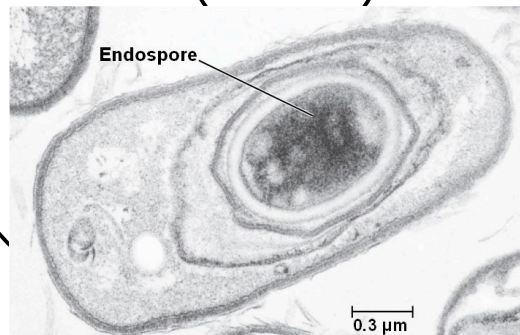
conjugation



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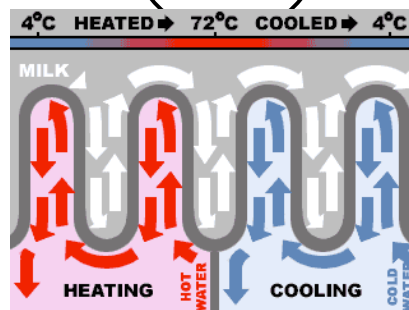
like bacteria seeds
resist high heat
and freezing
contain genetic
material and some
cytoplasm
formed inside
bacteria cells
endospore
can stay alive
and resting for
many years



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usually used to
treat milk and juice
food is heated
kills most
harmful
bacteria
pasteurization
does not
change taste
of food



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used in
bioremediation

natural recyclers

break down
large chemicals
in dead
organisms -
leaves, trees

decomposers

some eat oil,
cyanide or other
dangerous
chemicals

