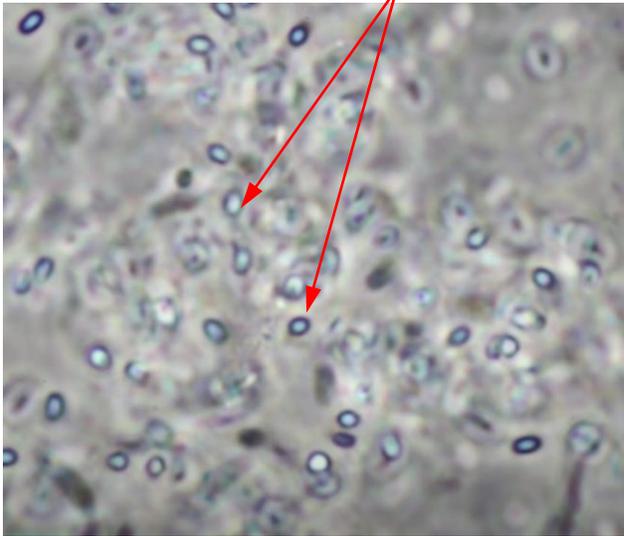


2:05

納豆菌の芽胞



2:07

1個の納豆菌



2:20

成長開始



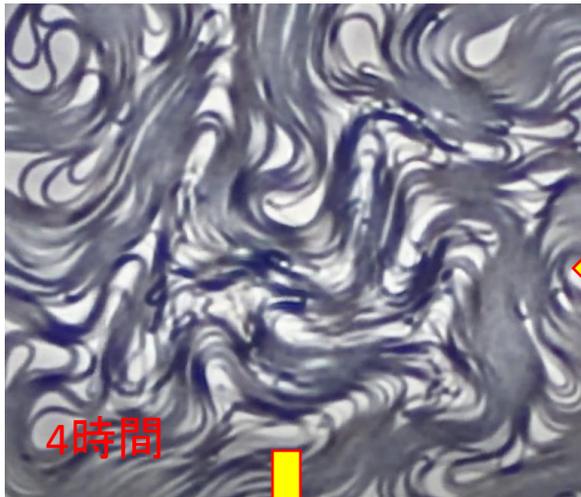
1時間



2:29



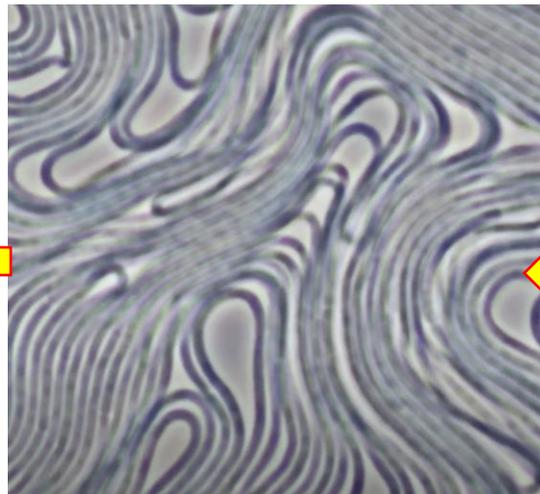
3:06



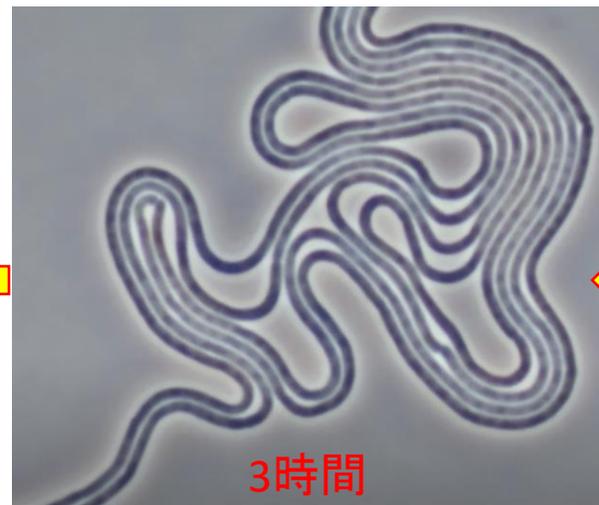
4時間



2:58



2:48



3時間



2:35



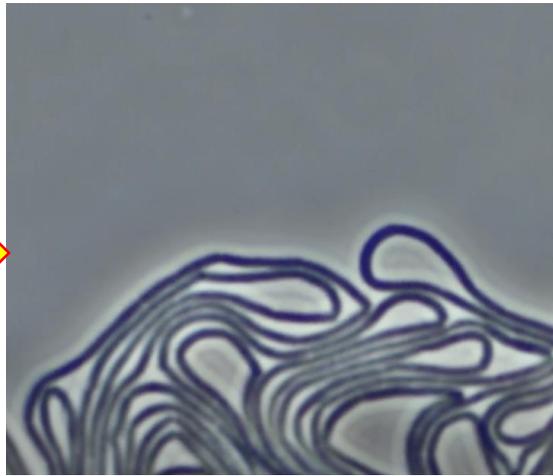
2時間



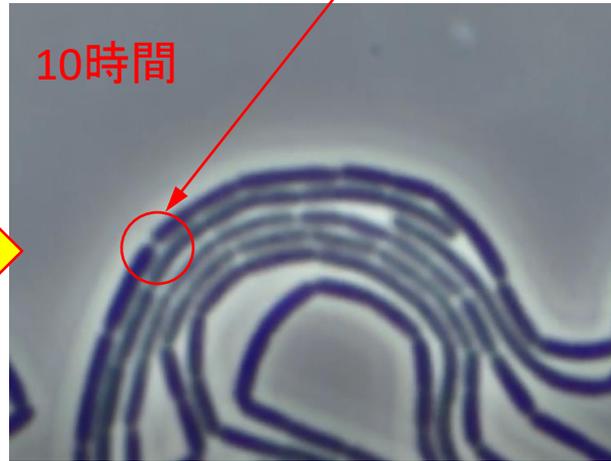
3:08



3:35



3:43



分裂開始
線状部に亀裂

10時間

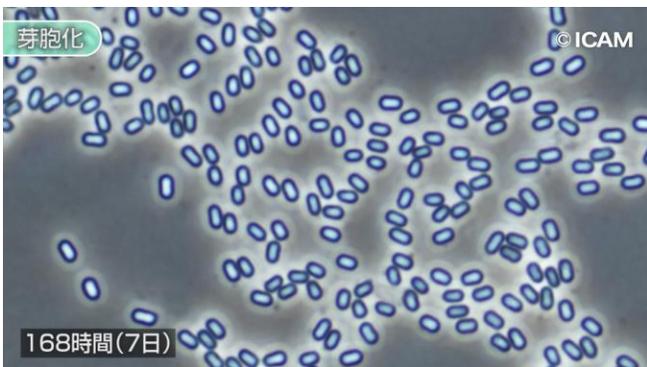


3:44

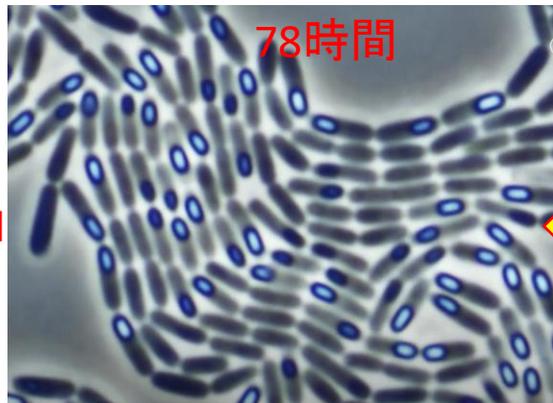


芽胞が出現
→休眠

4:35



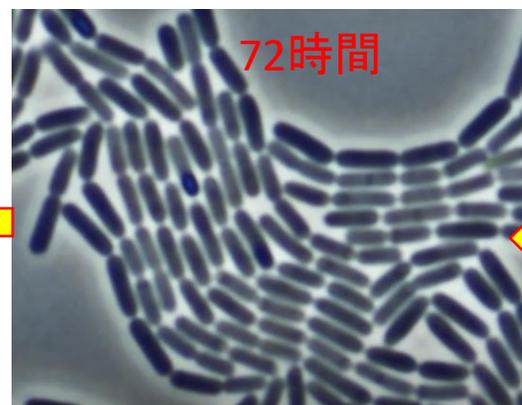
4:05



78時間



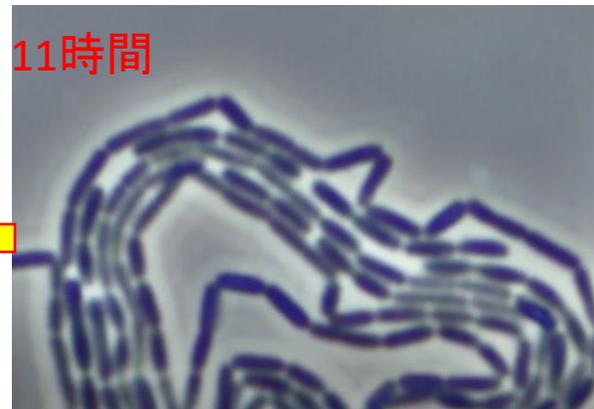
3:56



72時間



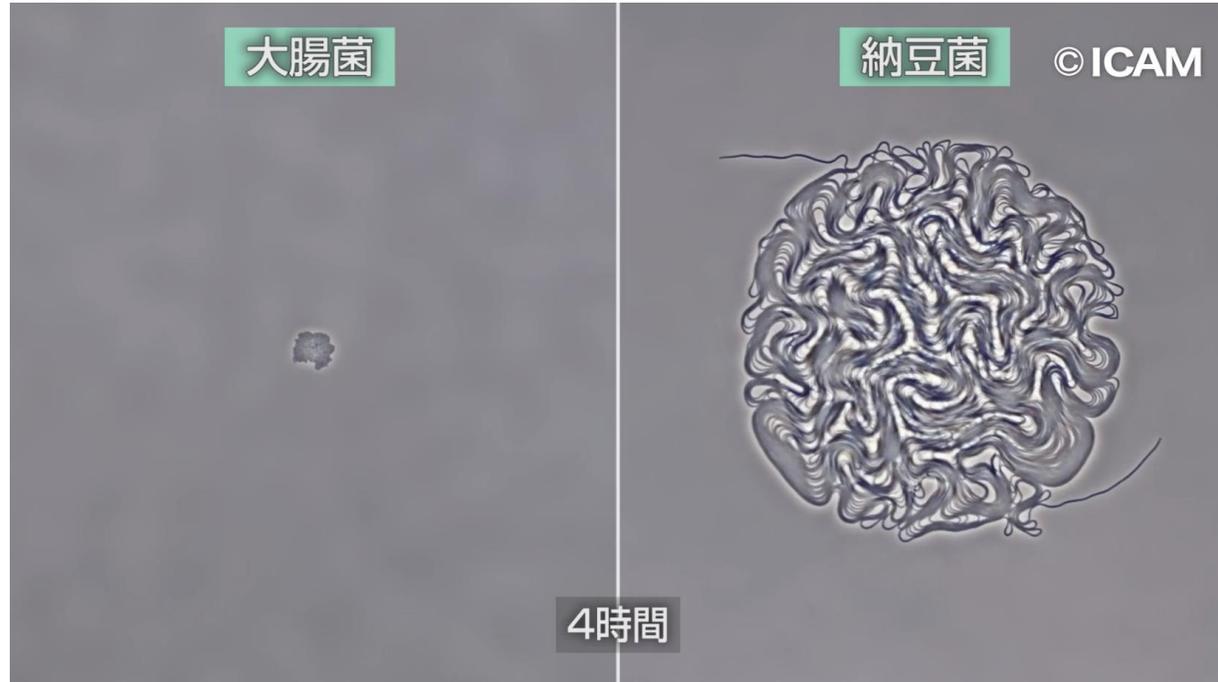
3:51



11時間

乳酸菌は過酸化水素分解酵素を有していない

納豆菌の方が大腸菌よりも増殖速度が速い



酵素を有する納豆菌が乳酸菌の増殖を助けている

