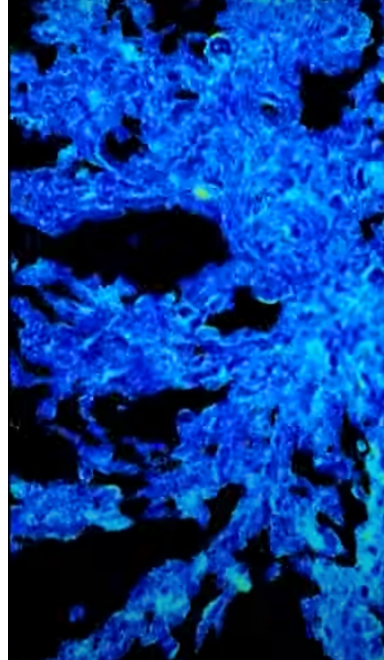
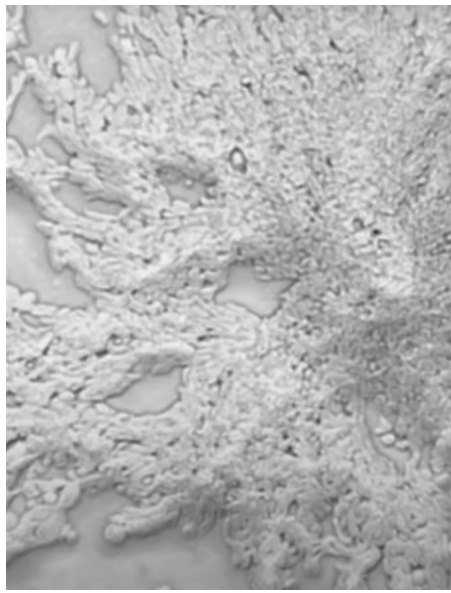
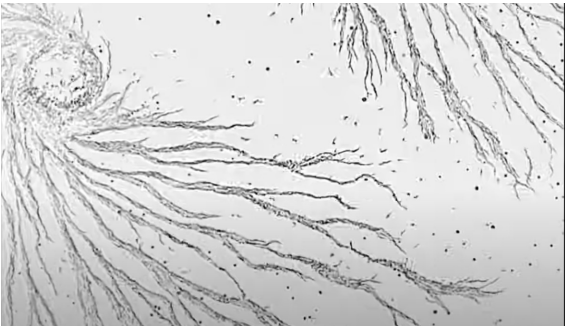
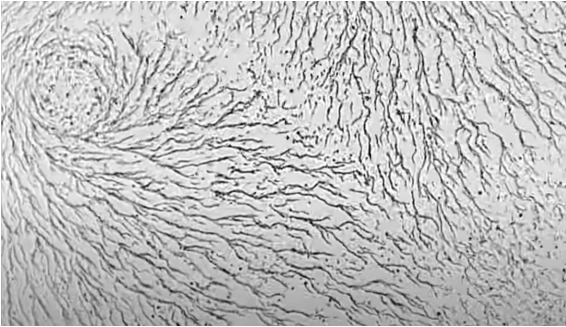


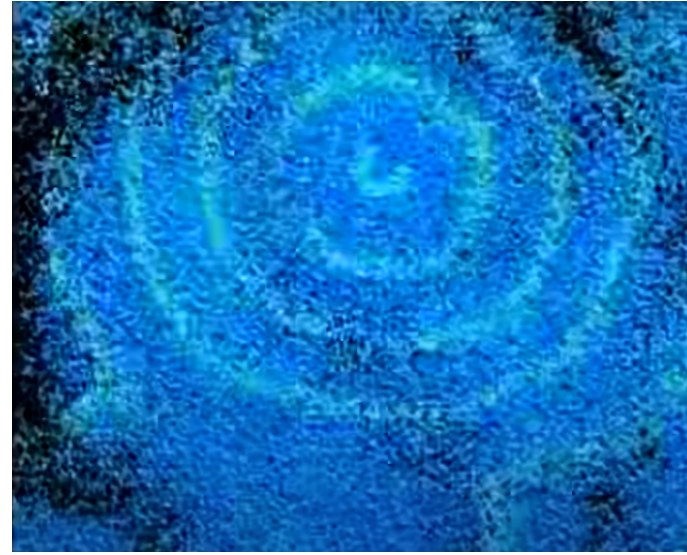
細胞性粘菌



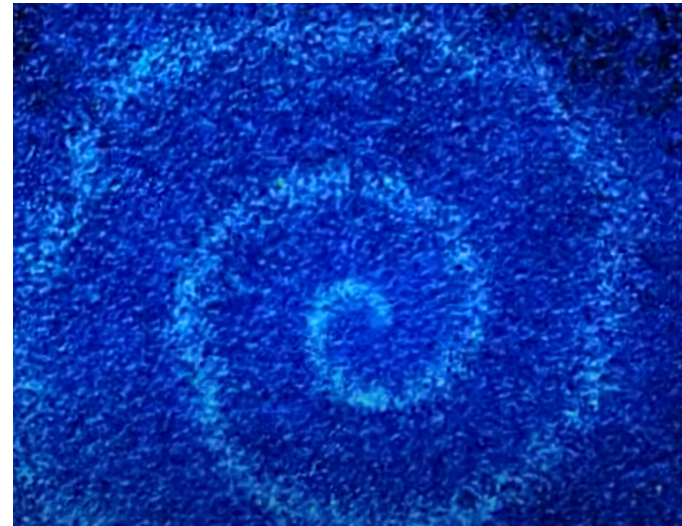
飢餓状態になると
一つの生命体のように
動き始める



細胞間で情報を伝達する化学物質により波が発生



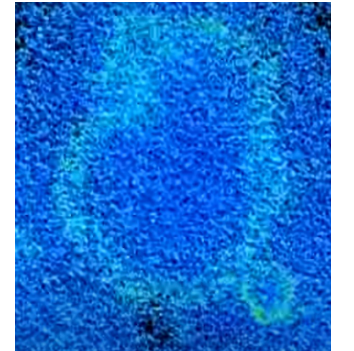
集合する際に波が出現



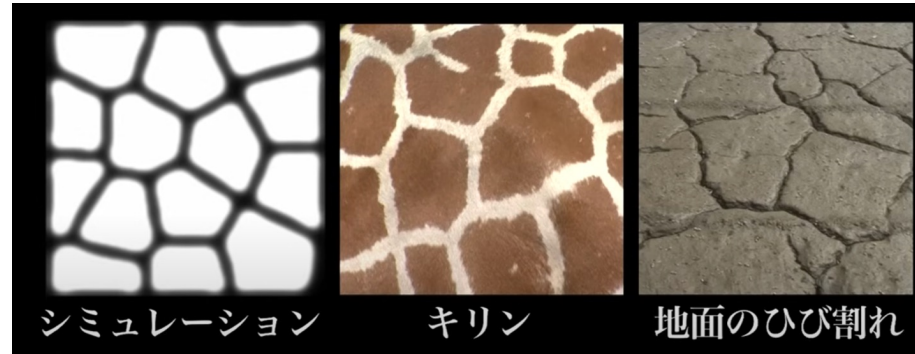
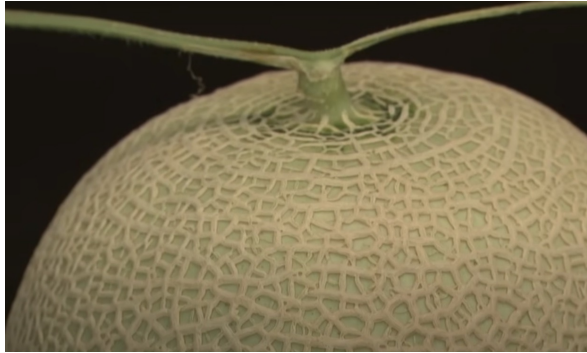
←蛍光タンパク質を用いて可視化



複数の波が合体して
大きな波になる

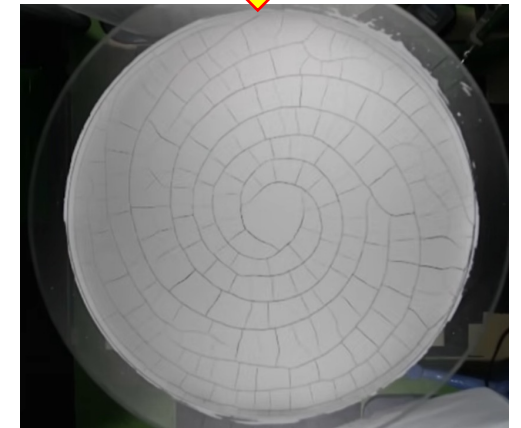
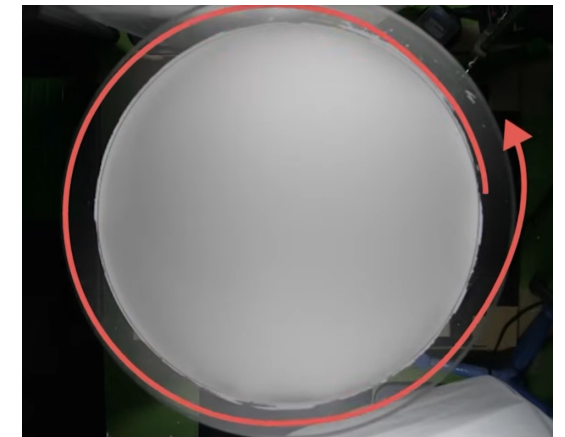


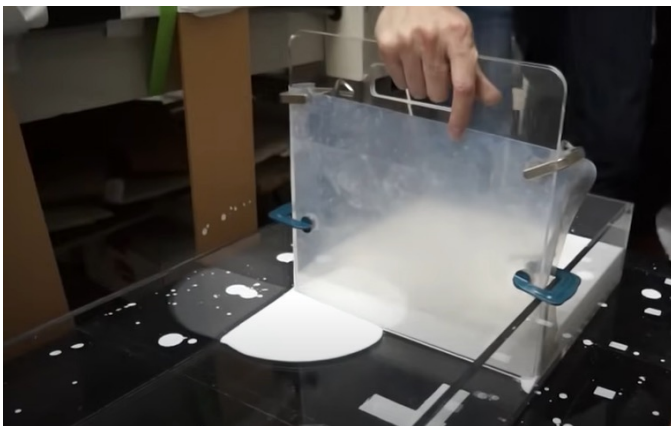
ひび割れが模様を作る事例



類似性あり

炭酸カルシウム
の懸濁液に振
動を与えると
異なる形状の
ひび割れが発生

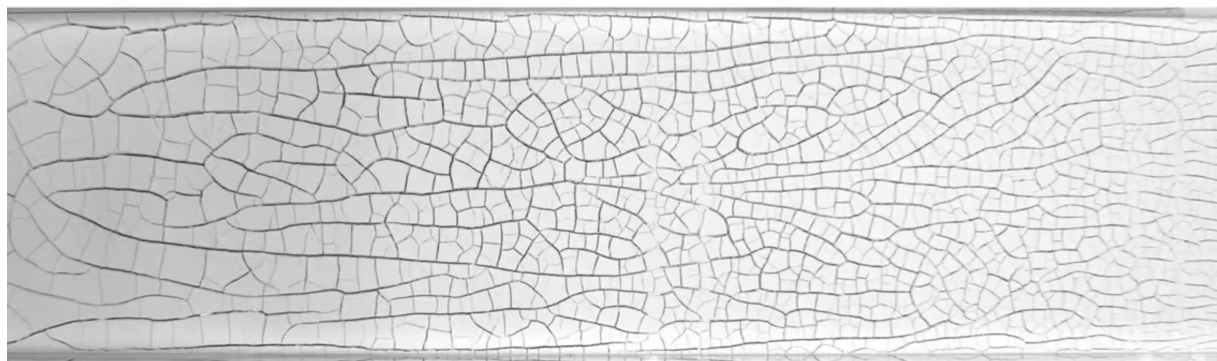
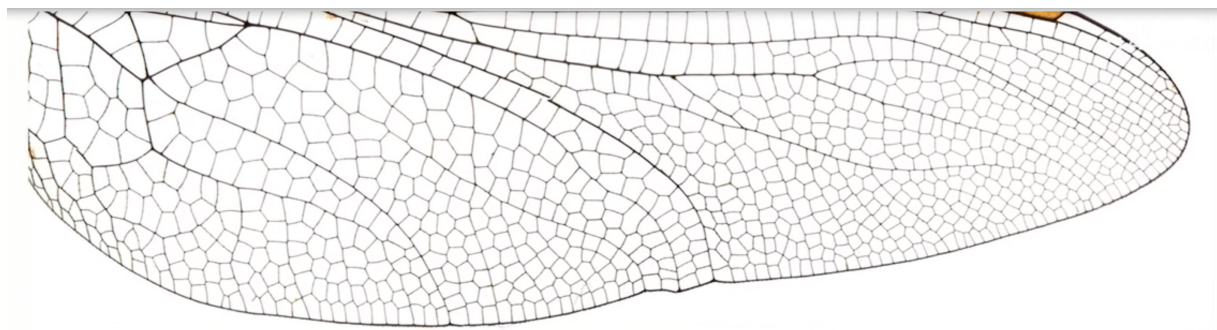




↓ せき止めていた懸濁液を一気に流す



トンボの羽



ひび割れの模様