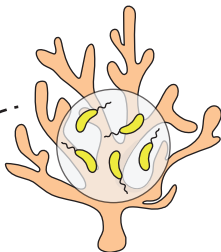
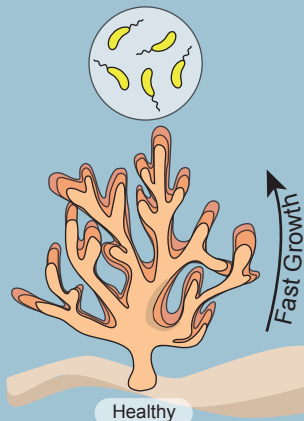


1. *Endozoicomonas* dominated microbiome provides metabolic advantage for growth



2. *Endozoicomonas* dominated microbiome lacks diverse microbe-mediated immune response and allows pathogen invasion under adverse environmental conditions, increasing disease susceptibility

### Normal Environmental Conditions



### Environmental Stress Conditions

