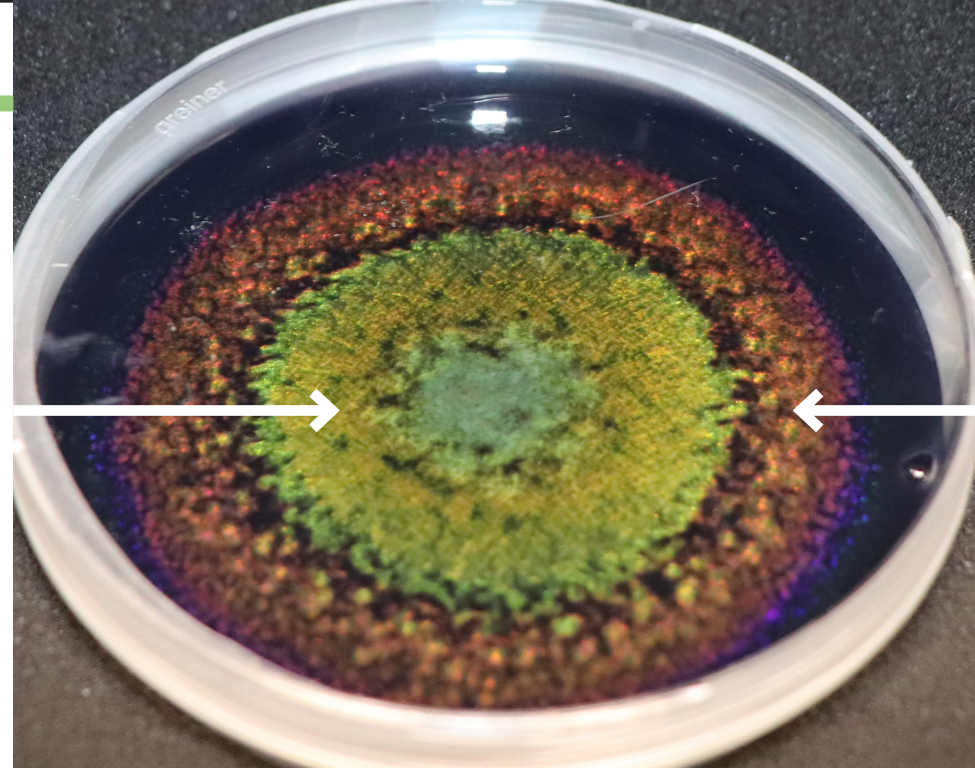


Living Labels

Flavobacteria can communicate environmental changes through variations in their living aesthetics. The environmental stimuli chosen for this project was temperature.

22 °C



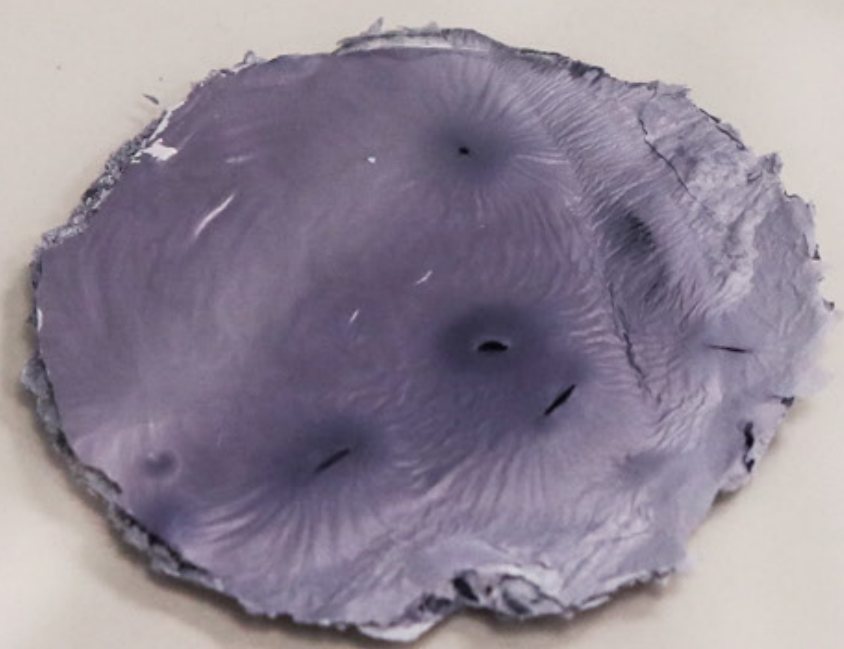
4 °C

What if this characteristic could be used as a living sensor, integrated into a label?

Components need to be preserved before use of the label, this is done by freeze drying

Activation through hydration

FREEZE-DRIED
FLAVOBACTERIA



FREEZE-DRIED
MEDIUM

Rehydration

Rehydration

A living sensor capable of communicating environmental changes through vivid colorations could potentially replace conventional electronic sensors in the future

Evvy Murrai [5496357]

