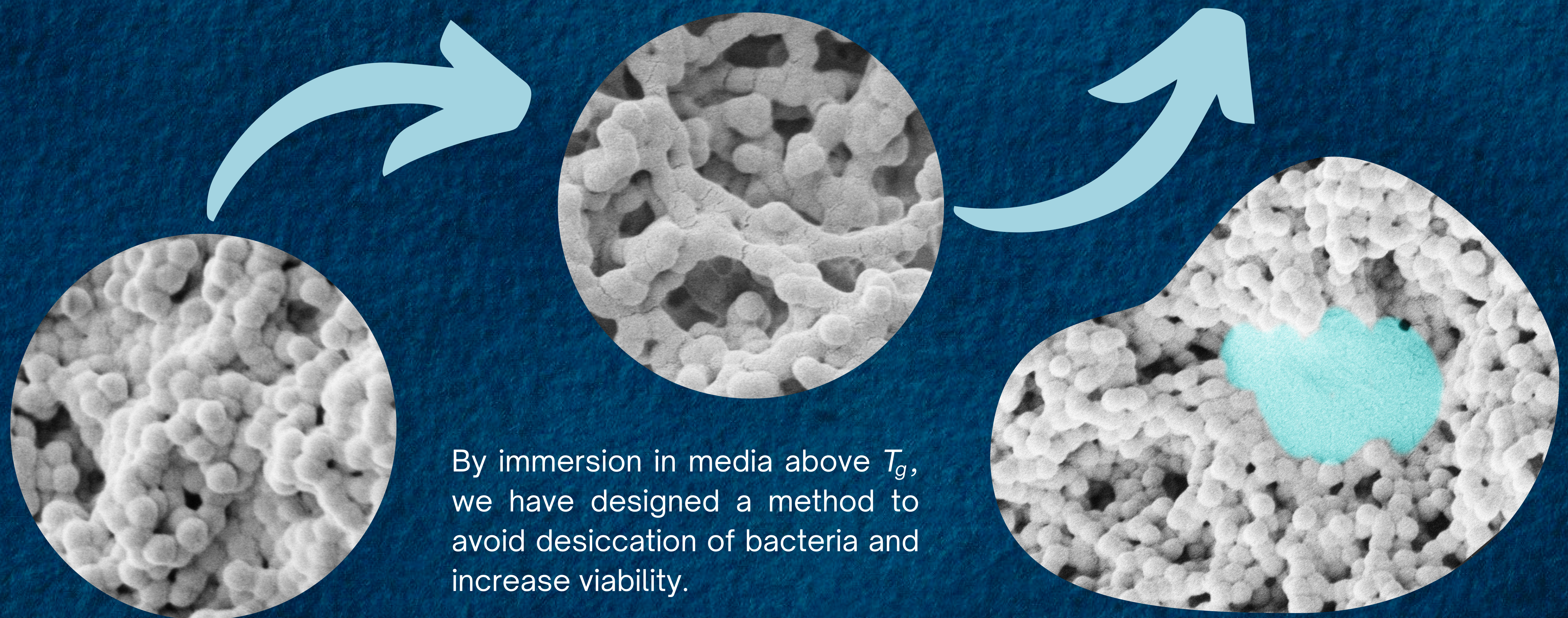


# Underwater Gels

Biocoatings, which confine living bacteria within a colloidal polymer layer, have applications in carbon capture and biofuel production. We can tailor the microstructures of biocoatings using coagulant dipping and wet sintering by immersion to increase the viability of the confined bacteria. Varying the time of film formation at elevated temperatures results in greater coalescence and larger average void size.



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