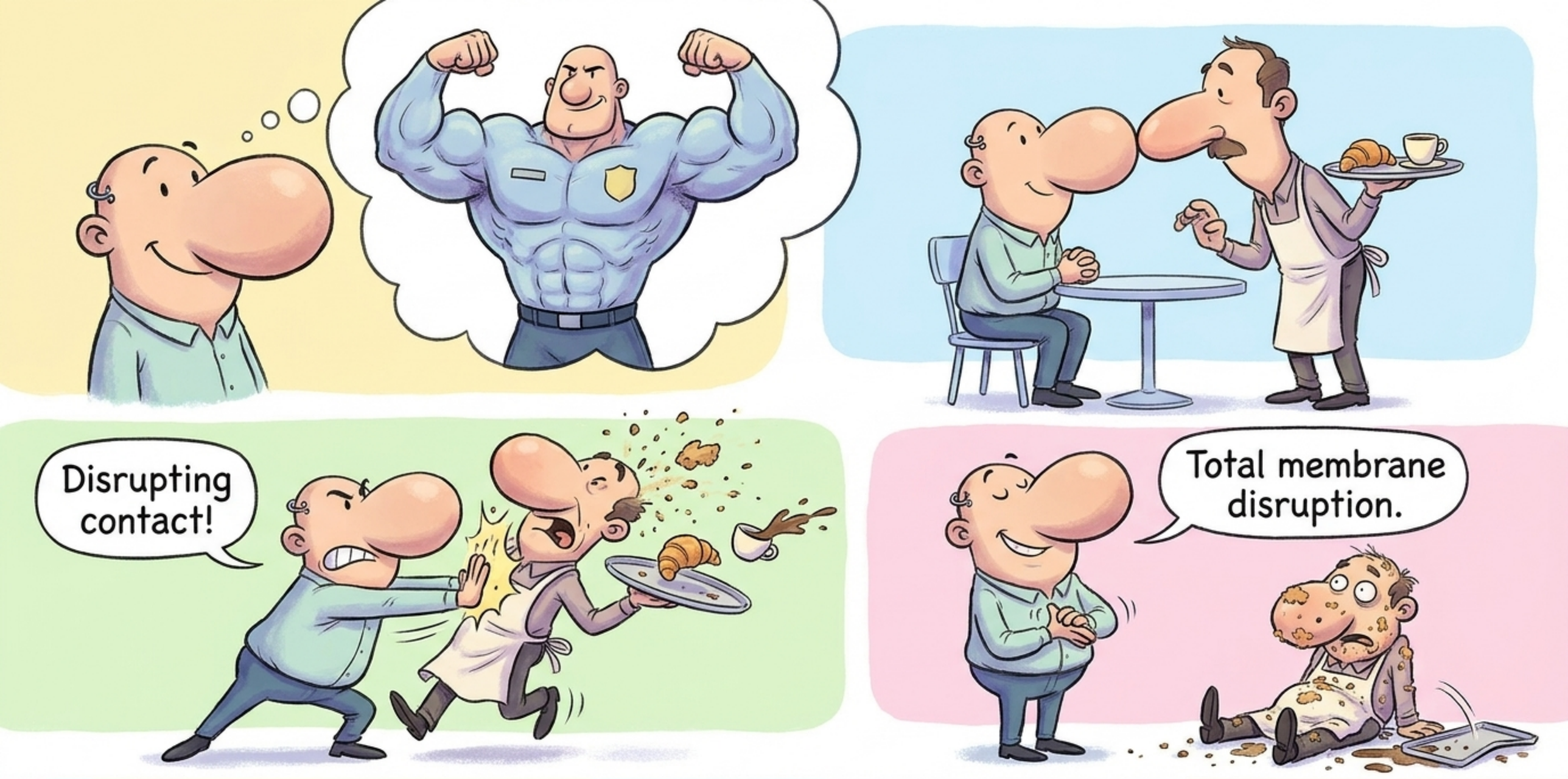


Positively charged amino groups in chitosan coatings disrupt bacterial cell membranes strictly upon contact.

Enforcing personal space requires serious physical commitment.