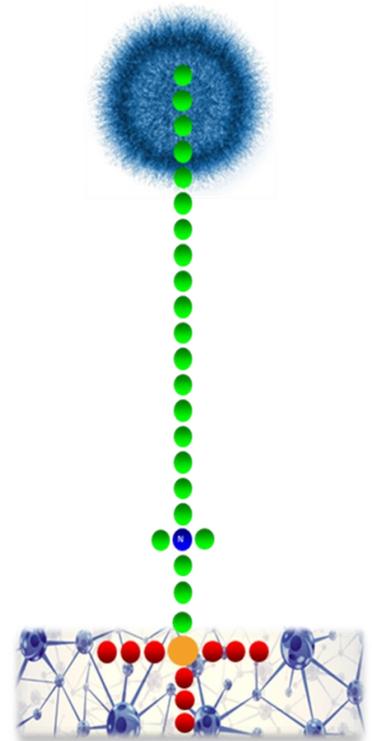


# How Does SD 90+ Work?

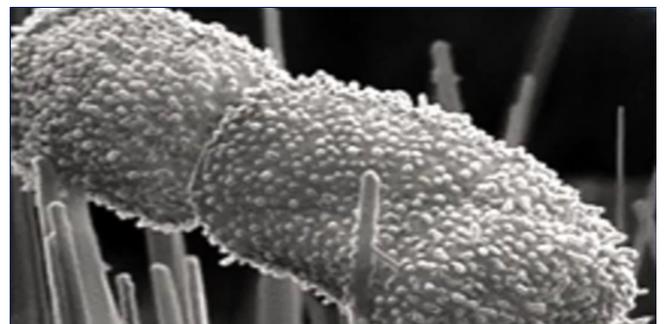
*Resilient Sword-like Structures on the Surface Pierce the Membrane of the Target Without the Use of Toxic Chemicals*

- **Physical** (not Chemical) Mode of Action
  - Application can last a year or more
  - Non-Leaching
  - Bonds Above *and* Below Surface
  - Resists Common Chemicals
  - Semi-permanent bond
  - “Always ON” 24 x 7 activity
  - US EPA Registered Antimicrobial
- Active Ingredient: DTN 100 Antimicrobial**



Proprietary Base Covalently Bonds to Surface

**3-(trimethoxysilyl) propyldimethyloctadecyl Ammonium chloride, cas no 27668-52-6**



# *Surface Defense 90 In Action*

## **3 Month Outdoor Surface Field Test with SD 90**

National University of Singapore



**Star Areas Treated With SD**



**Untreated Control**

## **3 Year Outdoor Vinyl Siding Field Test with SD 90+**

Brookfield, CT



**Untreated Surface**



**SD 90+ Treatment**