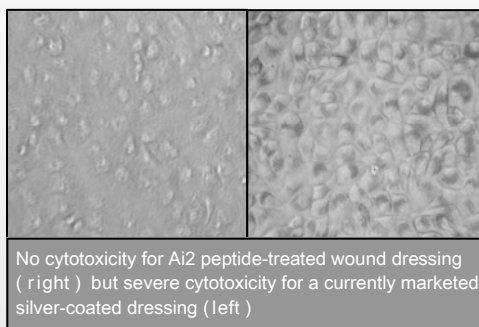


Relying only on silver linings..?

Protein-based infection control

- **Proven Prototype Safety**

Ai2 peptide-treated prototypes show zero toxicity by independent ISO10993 testing, reflecting peptide derivation from human protein sequences.



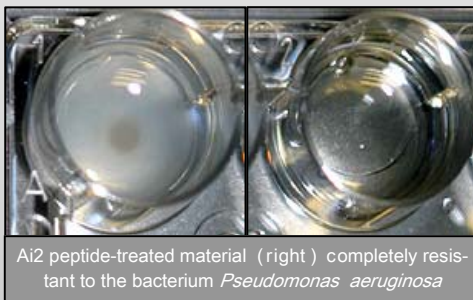
No cytotoxicity for Ai2 peptide-treated wound dressing (right) but severe cytotoxicity for a currently marketed silver-coated dressing (left)

- **Ease of manufacture**

Short & simple peptide sequences, perfect for economical production at commercial scales.

- **Powerful Protection**

Excellent efficacy against wide range of micro-organisms. Stronger and more consistent activity between different organisms than that for any comparator peptide tested.



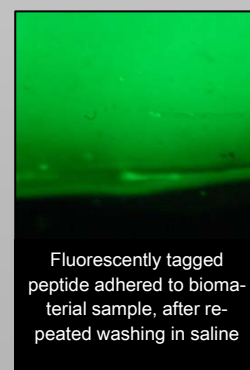
Ai2 peptide-treated material (right) completely resistant to the bacterium *Pseudomonas aeruginosa*

- **Tailor-made solutions**

Huge number of variant peptides protected, allowing tailoring activity and attachment profiles to specific applications.

- **Easy application**

Peptides self-adhere to many surfaces commonly used in the manufacture of medical devices. Ai2 peptides protect the device/dressing from microbial contamination and colonisation.



Fluorescently tagged peptide adhered to biomaterial sample, after repeated washing in saline