

FORCE REPAIR

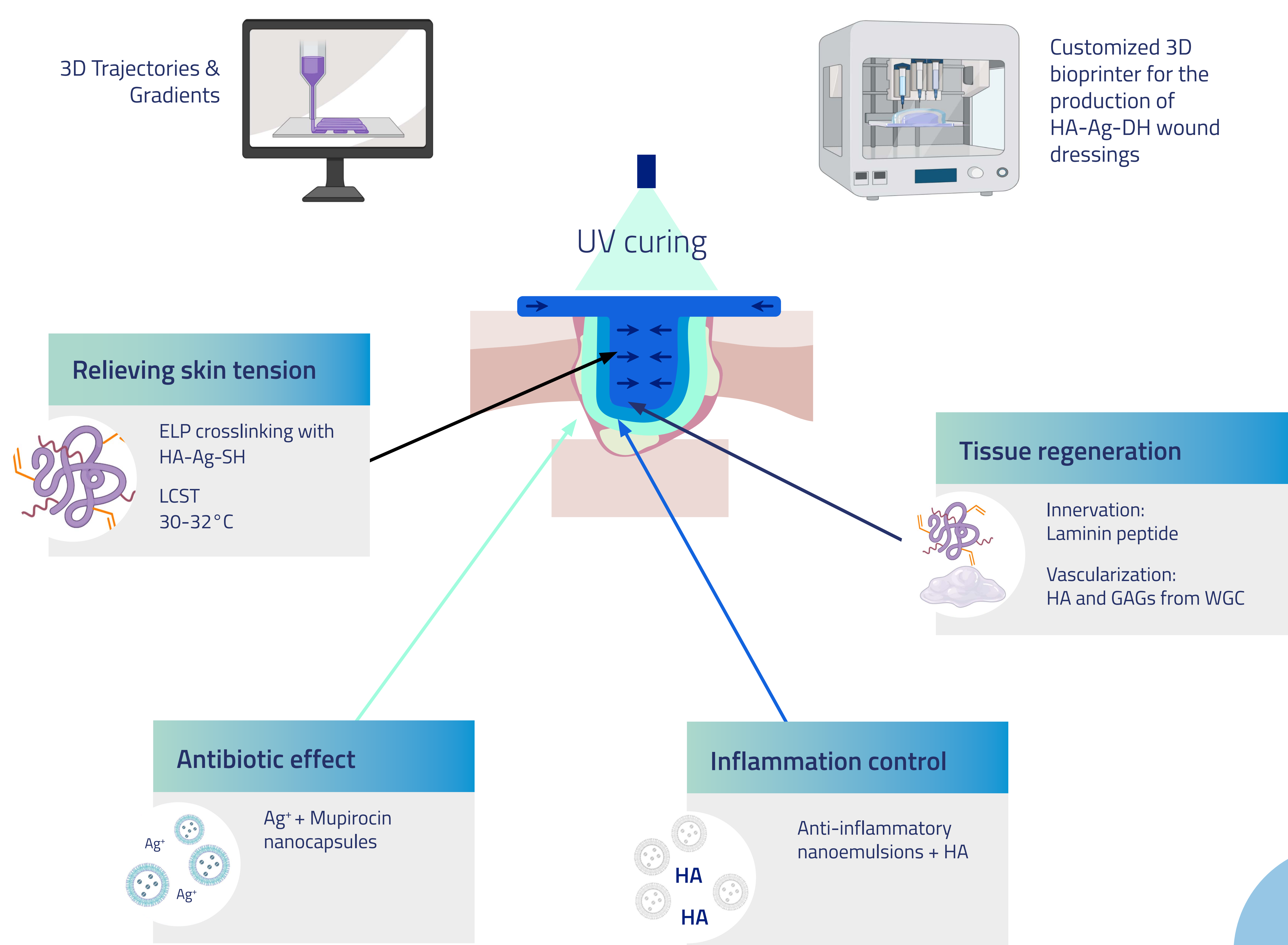
Scientific Approach

The FORCE REPAIR concept is based on a unique 3D printable hyaluronic acid-based self-healing hydrogel (HA-Ag-DH) with the placement of each component in a strategic location:

Special trajectory software of the 3D printed materials will help inducing contractile force withing the dressing to help wound closure.

Regulatory frameworks, health technological assessment and marketability studies of the dressing validated on wound animal models will be taken into account.

- 1 antibacterial and bioadhesive layer in contact with the wound
- 2 anti-inflammatory to recreate the environment of healthy tissue
- 3 regenerative core to facilitate healing using elastin-like polypeptide (ELP) and Wharton Gel Complex® (WGC)



www.forcerepair-wounds.eu



FORCE REPAIR WOUNDS



PARTNERS:



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