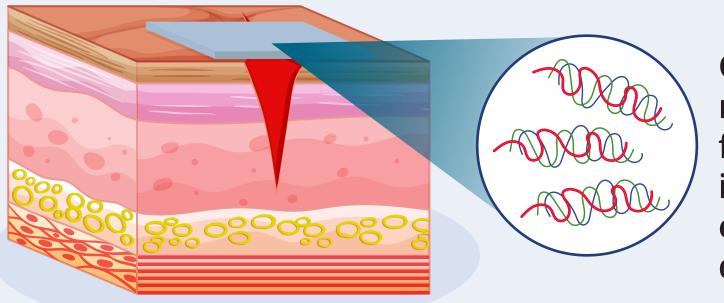
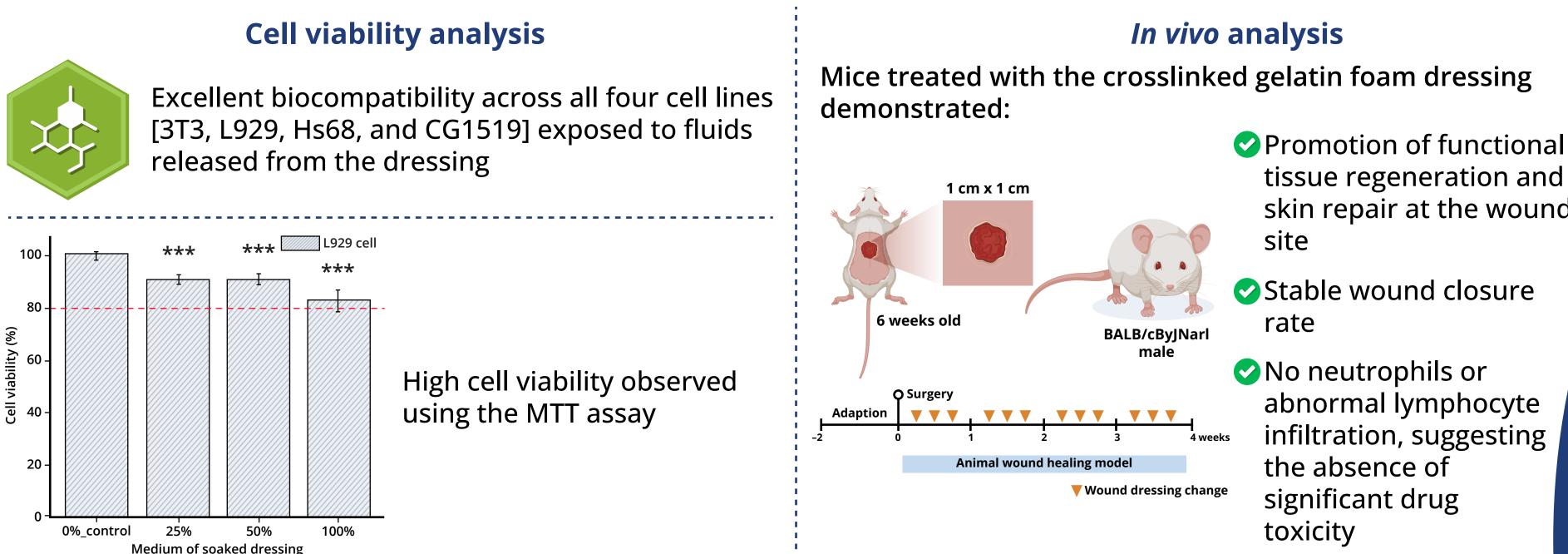
## **Crosslinked Gelatin Foam Dressing for Wounds**

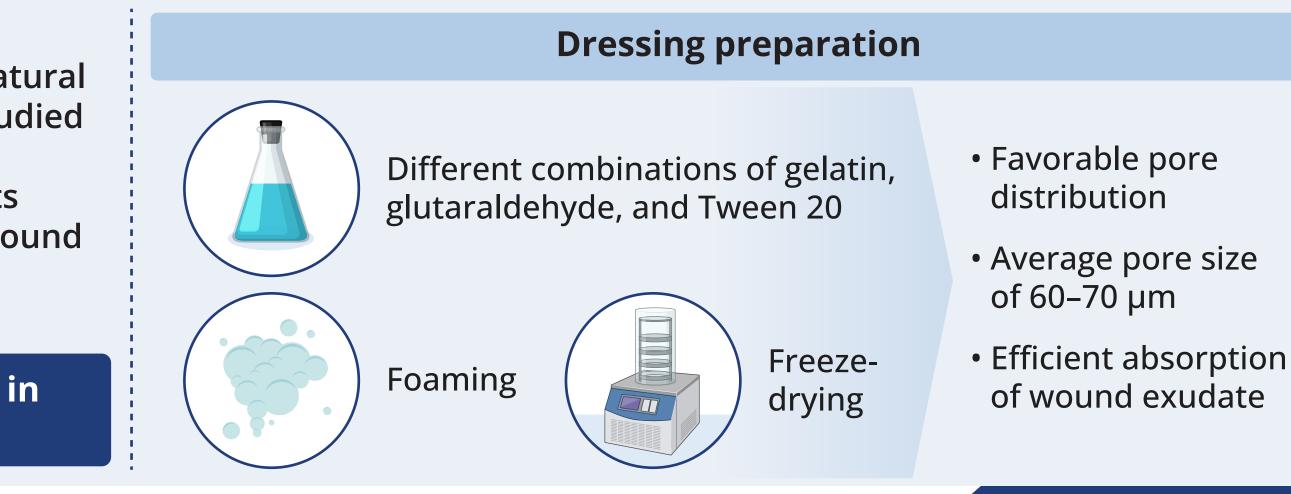


Gelatin, a commonly used natural material, has been widely studied for wound healing; however, its poor durability restricts its effectiveness as a primary wound dressing material

Development of a novel crosslinked gelatin foam dressing for use in wound dressing applications







## *In vivo* analysis

Mice treated with the crosslinked gelatin foam dressing

Stable wound closure rate

site

No neutrophils or abnormal lymphocyte infiltration, suggesting the absence of significant drug toxicity

tissue regeneration and

skin repair at the wound

The crosslinked gelatin foam dressing exhibits beneficial physical and chemical properties, including adequate porosity and mechanical stability, biological compatibility, and favorable safety profile, demonstrating promise for wound

## **DEVELOPMENT AND APPLICATION OF A CROSSLINKED GELATIN FOAM DRESSING FOR WOUND RECOVERY**

Natural Sciences

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