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Stem Cell-Laden Hyaluronic Acid-Based Spongy-Like Hydrogels for an Integrated Healing of Diabetic Wounds Pathophysiologies

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**STEM CELL-LADEN HYALURONIC ACID-BASED SPONGY-LIKE HYDROGELS  
FOR AN INTEGRATED HEALING OF DIABETIC WOUNDS PATHOPHYSIOLOGIES**

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**Short title:** Stem cell-laden HA-based spongy-like hydrogel

**Keywords:** wound healing, diabetic foot ulcerations; spongy-like hydrogels, hyaluronic acid

**Table of abbreviations:**

BDNF – Brain-derived neurotrophic factor

bFGF – Basic fibroblast growth factor

BME –  $\beta$ -Mercaptoethanol

CNTF – Ciliary Neurotrophic Factor

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