## XXIV REUNIÓN UNIVERSITARIA DE INVESTIGACIÓN EN MATERIALES HERMOSILLO SONORA, 6-8 DE NOVIEMBRE DE 2019

## **CI 7**

## "DERMAGENE: A SOLUTION FOR EPITHELIAL WOUND HEALING"

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Only for diabetes, the number of cases reach about 9% of the world population. Most of these patients develop diabetic foot ulcers at some moment of their life. Dermagene is a pharmaceutical cream formulation that works by promoting a fast healing in many types of skin wounds or injuries, by increasing the number and functionality of dermal cells. Furthermore, its active ingredients prevent infections and induce the formation of new blood vessels. DermaGene not only reduces the cost associated with the treatment by decreasing the time for healing and therefore its associated expenses, in fact, Dermagene has already saved many lives and also limbs from amputation during our human trials. This is very important considering that once a limb is amputated, life expectancy is reduced to less than 5 years and it's a very expensive procedure. Furthermore, our trials in humans have demonstrated a 100% efficacy in the treatment of many other skin wounds such as vascular and other types of ulcers, skin burns, some types of gangrenes such as Fournier gangrene, surgical wounds and skin scrapings, among others. By combining all these features together, DermaGene has become a unique and real solution for a huge and neglected worldwide problem.