Adaptive

Localized administration of metoxetate regulates psoriasis-like skin inflammation and protects from secondary sensitization

Respiratory activity in psoriatic circulating T cells predicts the efficacy of apremilast

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Induced activity in multiple infiltration of skin may exacerbate psoriasis-like skin inflammation

Genome-wide DNA methylation analysis in lupus keratinocytes identifies differential methylation of genes that regulate apoptosis

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   - **Induced pluripotent stem cells (iPSCs)** for skin regeneration.

2. **Bioreactors and 3D Printing**
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   - 3D printing for custom-tailored scaffolds.

3. **Proteomics and Metabolomics**
   - Analysis of wound fluid to identify biomarkers.
   - Metabolomic profiling for personalized treatment.

4. **MicroRNAs in Wound Healing**
   - Role of microRNAs in modulating immunological responses.
   - MicroRNA-based therapeutic strategies.

5. **Biofilm Formation and Disruption**
   - Strategies to prevent and disrupt bacterial biofilms in chronic wounds.
   - Use of photodynamic therapy.

6. **Regulatory Strategies**
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7. **Cancer Vaccines and Immunotherapy**
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8. **Gene Delivery Strategies**
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9. **Wound Healing in Special Populations**
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   - Approaches for wound healing in elderly patients.

10. **Regenerative Medicine Technologies**
    - **Tissue engineering** for complex tissue reconstruction.
    - Use of nanotechnology for tissue repair.

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- [Cancer Vaccines: A Promising Strategy](Expert Opin. Ther. Targets 2015; 19(10): 1221-1231)
- [Gene Delivery Strategies for Wound Healing](Expert Opin. Ther. Targets 2016; 20(8): 981-991)
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