

Supplementary Table 1 Citation authors in the field

| Rank | Author | Co-citations | Total link strength |
|-------------|-----------------|---------------------|----------------------------|
| 1 | Mantovani, A | 69 | 573 |
| 2 | Gordon, S | 68 | 532 |
| 3 | Falanga, V | 62 | 540 |
| 4 | Mirza, Re | 62 | 627 |
| 5 | Wynn, Ta | 62 | 557 |
| 6 | Eming, Sa | 61 | 619 |
| 7 | Louiselle, Ae | 61 | 496 |
| 8 | Martinez, Fo | 54 | 465 |
| 9 | Armstrong, Dg | 51 | 391 |
| 10 | Boniakowski, Ae | 51 | 533 |

Supplementary Table 2 Co-citation journals in the field

| Rank | Journal | Co-citations | Total link strength |
|-------------|--|---------------------|----------------------------|
| 1 | <i>Diabetes</i> | 528 | 31569 |
| 2 | <i>Biomaterials</i> | 508 | 30560 |
| 3 | <i>Journal of Immunology</i> | 466 | 29635 |
| 4 | <i>Plos One</i> | 409 | 24383 |
| 5 | <i>Journal of Clinical Investigation</i> | 376 | 24217 |
| 6 | <i>International Journal of Molecular Sciences</i> | 330 | 22106 |
| 7 | <i>Nature</i> | 312 | 20484 |
| 8 | <i>Frontiers In Immunology</i> | 272 | 17483 |
| 9 | <i>Proceedings of The National Academy of Sciences of The United States of America</i> | 269 | 17489 |
| 10 | <i>Journal of Investigative Dermatology</i> | 266 | 15128 |

Supplementary Table 3 Top 10 co-cited literature in terms of co-citation frequency

| Rank | Author | Year | Journal | Citations | Total link strength | Cited reference |
|-------------|-----------------|-------------|--|------------------|----------------------------|--|
| 1 | Louiselle AE | 2021 | <i>Translational Research</i> | 61 | 234 | Macrophage polarization and diabetic wound healing |
| 2 | Vincent Falanga | 2005 | <i>The Lancet</i> | 54 | 211 | Wound healing and its impairment in the diabetic foot |
| 3 | Boniakowski AE | 2017 | <i>Journal of Immunology</i> | 51 | 270 | Macrophage-mediated inflammation in normal and diabetic wound healing |
| 4 | Krzyszczyk p | 2018 | <i>Frontiers In Physiology</i> | 44 | 189 | The Role of macrophages in acute and chronic wound healing and interventions to promote pro-wound healing phenotypes |
| 5 | Gurtner GC | 2008 | <i>Nature</i> | 40 | 176 | Wound repair and regeneration |
| 6 | Wynn Ta | 2016 | <i>Immunity</i> | 40 | 184 | Macrophages in tissue repair, regeneration, and fibrosis |
| 7 | Hesketh M | 2017 | <i>International Journal of Molecular Sciences</i> | 39 | 189 | Macrophage phenotypes regulate scar formation and chronic wound healing |
| 8 | Armstrong DG | 2017 | <i>New England Journal of Medicine</i> | 37 | 133 | Diabetic foot ulcers and their recurrence |

| | | | | | | |
|----|--------------|------|--|----|-----|---|
| 9 | Mosser DM | 2008 | <i>Nature Reviews Immunology</i> | 37 | 185 | Exploring the full spectrum of macrophage activation |
| 10 | Sindrilaru A | 2011 | <i>Journal of Clinical Investigation</i> | 36 | 167 | An unrestrained proinflammatory M1 macrophage population induced by iron impairs wound healing in humans and mice |
