

Supplementary Table 1. Subject demographics.

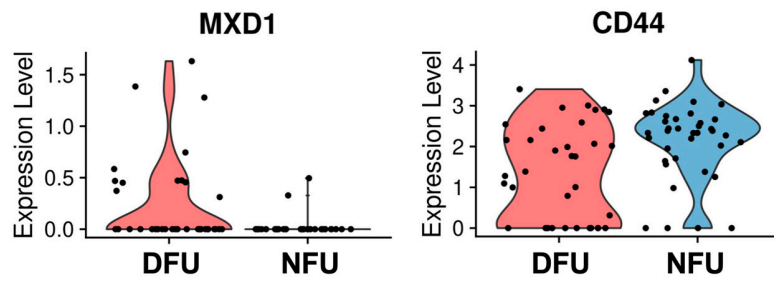
| | Diabetic Foot Ulcer | Plantar (Non-Diabetic) Pressure Ulcer |
|--|----------------------------|--|
| Gender | Male | Male |
| Age | 55 | 90 |
| Cold Ischemia Time (in 10% FBS media) | 1.5 hrs | 3.0 hrs |

Supplementary Table 2. Congruence scores for each cluster against candidate cell subtypes using the automated annotation tool SingleR using the Human Primary Cell Atlas (HPCA) reference dataset.

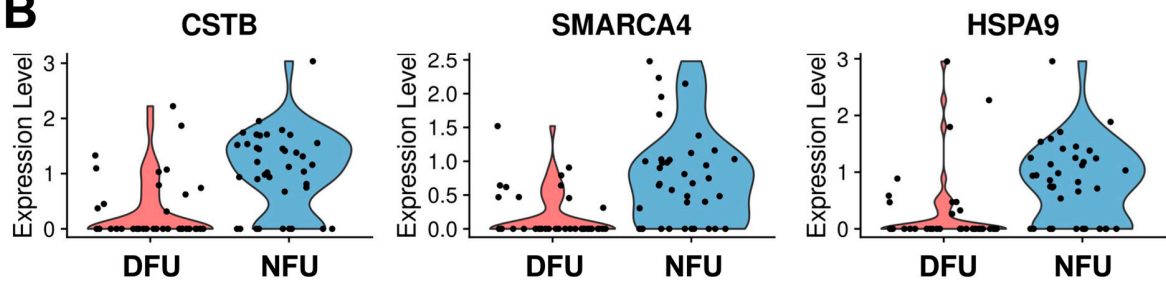
| Cell Type | Cluster | | | |
|-------------------------------|-----------|-----------|-----------|-----------|
| | Cluster1 | Cluster2 | Cluster3 | Cluster4 |
| Neutrophils | 0.2637539 | 0.1778974 | 0.6873177 | 0.2255986 |
| Monocytes | 0.4072305 | 0.279386 | 0.5663235 | 0.3210987 |
| MEP | 0.334222 | 0.3256397 | 0.2019464 | 0.3054729 |
| CD4+ T-cells | 0.322949 | 0.275375 | 0.2557965 | 0.2963024 |
| Tregs | 0.3132264 | 0.2746157 | 0.2682454 | 0.2767004 |
| CD4+ Tcm | 0.3180245 | 0.2785369 | 0.2677064 | 0.281688 |
| CD4+ Tem | 0.3269443 | 0.2839054 | 0.2712913 | 0.2824864 |
| CD8+ Tcm | 0.3280422 | 0.2807525 | 0.2726947 | 0.2804991 |
| CD8+ Tem | 0.3272097 | 0.2706733 | 0.2741275 | 0.2773866 |
| NK cells | 0.3269174 | 0.2646455 | 0.3150644 | 0.2792845 |
| naive B-cells | 0.307616 | 0.2581024 | 0.2986889 | 0.2977399 |
| Memory B-cells | 0.3056279 | 0.2667161 | 0.2891223 | 0.2906208 |
| Class-switched memory B-cells | 0.3113318 | 0.2697008 | 0.2928975 | 0.2898009 |
| HSC | 0.3496716 | 0.295291 | 0.2370775 | 0.3376862 |
| MPP | 0.3475003 | 0.3164852 | 0.2516936 | 0.3415848 |
| CLP | 0.3500479 | 0.2848172 | 0.2373085 | 0.2971385 |
| GMP | 0.3643887 | 0.3136537 | 0.2630997 | 0.3216182 |
| Macrophages | 0.437638 | 0.3506188 | 0.4322862 | 0.3344808 |
| CD8+ T-cells | 0.3227887 | 0.2796308 | 0.3356223 | 0.2736523 |
| Erythrocytes | 0.3630036 | 0.3500648 | 0.2232735 | 0.323497 |
| Megakaryocytes | 0.3450738 | 0.3341088 | 0.2204974 | 0.344902 |
| CMP | 0.3424134 | 0.3156131 | 0.4341795 | 0.3162707 |
| Macrophages M1 | 0.4419945 | 0.3573396 | 0.373684 | 0.3272991 |
| Macrophages M2 | 0.4166397 | 0.3708212 | 0.329898 | 0.3518724 |
| Endothelial cells | 0.4843405 | 0.4521842 | 0.13313 | 0.6772455 |
| DC | 0.4348255 | 0.3301969 | 0.3810592 | 0.3398959 |
| Eosinophils | 0.2557496 | 0.2037673 | 0.4881594 | 0.2429877 |
| Plasma cells | 0.3094286 | 0.3187595 | 0.237726 | 0.3069675 |
| Chondrocytes | 0.6221791 | 0.4674089 | 0.1142751 | 0.4839637 |
| Fibroblasts | 0.6201043 | 0.4843506 | 0.1091398 | 0.5092274 |
| Smooth muscle | 0.6004802 | 0.4674223 | 0.1014581 | 0.4974195 |
| Epithelial cells | 0.489848 | 0.7177673 | 0.1244614 | 0.4917009 |
| Melanocytes | 0.4751381 | 0.4652431 | 0.1325311 | 0.4396141 |
| Skeletal muscle | 0.5128924 | 0.4043033 | 0.1150099 | 0.4977156 |
| Keratinocytes | 0.4579401 | 0.7080667 | 0.1196829 | 0.4287909 |
| mv Endothelial cells | 0.4552655 | 0.4548601 | 0.1355012 | 0.6734385 |
| Myocytes | 0.5752 | 0.4591048 | 0.0948635 | 0.4793548 |
| Adipocytes | 0.6242797 | 0.4092869 | 0.2783241 | 0.5713446 |
| Neurons | 0.3207616 | 0.3244942 | 0.0068876 | 0.2778464 |
| Pericytes | 0.58121 | 0.4755354 | 0.1473425 | 0.4687521 |
| Preadipocytes | 0.5860866 | 0.4633824 | 0.0986187 | 0.4570288 |
| Astrocytes | 0.523914 | 0.4666439 | 0.0570388 | 0.4407191 |
| Mesangial cells | 0.5077231 | 0.5376044 | 0.0906405 | 0.4744043 |

Supplemental Figure 1

A



B



Supplemental Figure 1. Diabetic wound fibroblasts exhibit increased expression of inflammatory and decreased expression of anti-apoptotic markers. Violin plots of differentially expressed inflammatory (**A**) and anti-apoptotic (**B**) genes.