

## Supplementary information

Supplementary Table S1: Overview of sensitivity, LLOQ and ULOQ for each biomarker included into the GeniePlex.

| Biomarker     | Sensitivity (pg/mL) | LLOQ (pg/mL) | ULOQ (pg/mL) |
|---------------|---------------------|--------------|--------------|
| IL-1 $\beta$  | <5                  | <10          | <5 000       |
| IL-6          | <5                  | <10          | <5 000       |
| IL-8          | <1                  | <1           | <1 000       |
| IL-10         | <2                  | <5           | <5 000       |
| TNF- $\alpha$ | <1                  | <2           | <1 000       |
| CXCL10        | <3                  | <10          | <2 000       |
| CCL2          | <2                  | <5           | <5 000       |
| CCL5          | <5                  | <10          | <5 000       |
| IL-1RI        | <20                 | <50          | <10 000      |
| MMP-1         | <100                | <200         | <20 000      |
| MMP-7         | <100                | <200         | <20 000      |
| VEGF          | <2                  | <5           | <2 000       |
| NGF           | <5                  | <10          | <5 000       |
| BDNF          | <5                  | <10          | <5 000       |
| CXCL9         | <5                  | <10          | <5 000       |

IL: interleukin; TNF: tumor necrosis factor; NGF: nerve growth factor; BDNF: brain-derived neurotrophic factor; CCL: C-C motif ligand; CXCL: C-X-C motif ligand; VEGF: vascular endothelial growth factor; MMP: matrix metalloproteinase; LLOQ: lower limit of quantification; ULOQ: upper limit of quantification