**Control of neutrophil influx during peritonitis by transcriptional cross-regulation of chemokine CXCL1 by IL-17 and IFN-γ**

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**Supplementary tables**

**Table S1.** Patient characteristics.

|  |  |
| --- | --- |
| **Characteristic** | **Measured values** |
| M:F ratio | 57:30 |
| Infection: | |
| No growth | 15 |
| Gram positive | 52 |
| Gram negative | 21 |
| Mixed infection | 16 |
| Age range | 66.1 ± 12.9 years (range 31.6–91.4) |

**Table S2.** PCR primers used.

|  |  |  |
| --- | --- | --- |
| **Gene** | **Sense Primer 5’→3’** | **Anti-sense Primer 5’→3’** |
| *CXCL1* | AGGGAATTCACCCCAAGAAC | TAACTATGGGGGATGCAGGA |
| *SP1* | gCgAgAggCCATTTATgTgT | ggCCTCCCTTCTTATTCTgg |
| *STAT1* | CCGTTTTCATGACCTCCTGT | TGAATATTCCCCGACTGAGC |
| *B2M* | GTGCTCGCGCTACTCTCTCT | CGGCAGGCATACTCATCTTT |
| *pLuc 1700* | TGGCCTAACTGGCCGGTACCTCTGCAGGCGATGCTTCA | TCTTGATATCCTCGAGCTGCTGCGCGCCGGCCAG |
| *pLuc 1120* | TGGCCTAACTGGCCGGTACCGCAGTCCAAAGACAGAACC | Same sequence as pLuc 1700 above |
| *pLuc 620* | TGGCCTAACTGGCCGGTACCTCTCCAGCCACAAATCCG | Same sequence as pLuc 1700 above |
| *pLuc 150* | TGGCCTAACTGGCCGGTACCGCCAGCTCTTCCGCTCCT | Same sequence as pLuc 1700 above |
| ChIP | GAAGGCGAATATCCCAGAGTC | CCCAGAGTCTCAGAGTCCACA |

**Table S3.** Antibodies used throughout the study.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibody** | **Immunogen** | **Source** | **Manufacturer; Catalogue #** | **Dilution** |
| IL-17A | Ile20-Ala155 of rhIL-17 | Mouse IgG1 Clone #41802 | R&D Systems; (Bio-Techne; Wiesbaden, Germany);  MAB3171 | 0.5 µg/ml |
| IFN-γ | rhIFN-γ | Mouse IgG2a Clone #K3.53 | R&D Systems; MAB2852 | 1–10 µg/ml |
| IFN-γ | Met1-Gln144 of rh IFN-γ | Antigen affinity-purified polyclonal goat IgG | R&D Systems; AF-285-NA | 10 μg/ml |
| IgG1 isotype control | KLH | Mouse IgG1 kappa Clone #11711 | R&D Systems; MAB002 | 0.5 µg/ml |
| IgG2A isotype control | KLH | Mouse IgG2A Clone #20102 | R&D Systems; MAB003 | 1–10 µg/ml |
| Human IgG control | Normal human plasma | Purified polyclonal human IgG | R&D Systems; 1-001-A | 10 μg/ml |
| SP1 | Amino acids 609-627 | Mouse IgG1 kappa Clone #1C6 | Santa Cruz; (Heidelberg, Germany); sc-420 | 1:1000 for WB;  0.5–2 µg/ml for EMSA and ChIP |
| STAT1 | Amino acids 74-165 | Mouse IgG2a Clone #B-9 | Santa Cruz; sc-271661 | 1:1000 for WB; 0.5–2 µg/ml for ChIP |
| GAPDH | GAPDH protein | Mouse IgG1 Clone 6C5 | Hytest; (Turku, Finland);  #5G4 | 1:50000 |
| Anti-mouse IgG | Whole molecule mouse IgG | Polyclonal donkey IgG | Jackson Immuno-Research/Dianova (Hamburg, Germany); #715-035-150 | 1:5000 |
| Secondary anti-rabbit | Whole molecule rabbit IgG | Polyclonal donkey IgG | Jackson Immuno-Research/Dianova; #711-035-152 | 1:10000 |
| CXCL1 | rhCXCL1 | Polyclonal goat IgG | R&D Systems;  BAF275 | 100 ng/ml |