**Insulin modulates inflammatory cytokines release on acute stages and augments expression of adhesion molecule and leukocytes in lungs on chronic stages of Paracoccidioidomycosis**

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**Supplementary figure 1-** Referring to the item 2.8 of the manuscript, a table with the primers used for RTPCR in this study.

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| --- | --- |
| **Gene** | **Sequence** |
| il6 | 5’TAGTCCTTCCTACCCCAATTTCC3’ and5’TTGGTCCTTAGCCACTCCTTC3’ |
| il10 | 5’GCTCTTACTGACTGGCATGAG3’ and5’CGCAGCTCTAGGAGCATGTG3’ |
| il4 | 5’GGTCTCAACCCCCAGCTAGT3’ and5’GCCGATGATCTCTCTCAAGTGAT3’ |
| stat1 | 5’GACTTCAGACACAGAAATCAACTC3’ and5’TTGACAAAGACCACGCCTT3’ |
| tgfB | 5’ATTGCTTCAGCTCCACACAG3’ and 5’TGTTGGTTGTAGAGGGCAAG3’ |
| tnfa | 5’CCCTCACACTCAGATCATCTTCT3’ and 5’GCTACGACGTGGGCTACAG3’ |
| il12 | 5’TGGTTTGCCATCGTTTTGCTG3’ and 5’ACAGGTGAGGTTCACTGTTTCT3’ |
| hprt | 5’AGCAGGTCAGCAAAGAACT3’ and 5’CCTCATGGACTGATTATGGACA3’. |

**Supplementary figure 2-** Referring to the item 2.9 and 2.10, follows a table with the antibodies used in this study.

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| **Antibody** | **Company (#Catalog)** | **Dilution** |
| PKC-α-β | Cell Signaling (#2056) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| p38 MAPK | Cell Signaling (#9212) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| p-p38 MAPK | Cell Signaling (#4511) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| ERK1/2 (p42/p44) | Cell Signaling (#9102) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| p-ERK ½ | Cell Signaling (#9101) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| iκB-α | Cell Signaling (#9242) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| pAkt (Sr473) | Cell Signaling (#4060) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| JNK | Cell Signaling (#9252) | 1:1000 in TBS, 5% BSA, 0,1% Tween20 |
| TLR-2 | Cell Signaling (#13744) | 1:1000 in TBS, 5% non-fat dry milk, 0,1% Tween20 |
| VCAM-1 | Santa Cruz Biotech (#sc-8304) | 1:50 in TBS, 5% BSA, 0,1% Tween20 |
| Anti-Rabbit HRP | Sigma-Aldrich (#A0545) | 1:80000 in TBS, 5% non-fat dry milk, 0,1% Tween20 |
| Β-actina  | Sigma-Aldrich (#A5316) | 1:40000 in TBS, 5% non-fat dry milk, 0,1% Tween20 |
| GAPDH | Sigma-Aldrich (#G9545) | 1:50000 in TBS, 5% non-fat dry milk, 0,1% Tween20 |