**Supplemental Digital Content 1.** Multiplex analysis of culture supernatants.

Monocytes were cultured for 18 hours under the conditions shown followed by a 4 hour incubation with LPS (1ng/ml) after which culture supernatants were collected and analyzed by multiplex using fluorescent bead technology as described. Data are pg/ml.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Mediator** | **Condition** | **Mean** | **S.D.** | **Mediator** | **Condition** | **Mean** | **S.D.** |
| IL-6 | GMCSF | 342.1 | 199.5 | IL-1Ra | GMCSF | 972 | 317 |
|  | GM+IFN-ϒ  | 300.5 | 406.2 |  | GM+IFN-ϒ  | 835 | 412 |
|  | GM+IFN-ϒ +50nMCort | 858.6 | 1286.1 |  | GM+IFN-ϒ +50nMCort | 524 | 329 |
|  | GM+IFN-ϒ +1uMCort | 2077.5 | 1753.2 |  | GM+IFN-ϒ +1uMCort | 128 | 76 |
| IFNa2 | GMCSF | 15.8 | 5.5 | GM-CSF | GMCSF | 135.7 | 66.2 |
|  | GM+IFN-ϒ  | 21.4 | 10.7 |  | GM+IFN-ϒ  | 121.3 | 60.3 |
|  | GM+IFN-ϒ +50nMCort | 37.2 | 22.9 |  | GM+IFN-ϒ +50nMCort | 114.9 | 59.3 |
|  | GM+IFN-ϒ +1uMCort | 63.8 | 23.6 |  | GM+IFN-ϒ +1uMCort | 48.3 | 29.9 |
| G-CSF | GMCSF | 75.1 |  | CCL22 | GMCSF | 131.4 | 140.8 |
|  | GM+IFN-ϒ  | 100.3 |  |  | GM+IFN-ϒ  | 129.0 | 144.1 |
|  | GM+IFN-ϒ +50nMCort | 243.8 | 10.2 |  | GM+IFN-ϒ +50nMCort | 54.8 | 64.8 |
|  | GM+IFN-ϒ +1uMCort | 412 | 455 |  | GM+IFN-ϒ +1uMCort | 7.4 | 13.9 |
| IP-10 | GMCSF | 12.3 | 1.5 | CCL2/MCP-1 | GMCSF | 7136.8 | 2783.2 |
|  | GM+IFN-ϒ  | 236.4 | 135.6 |  | GM+IFN-ϒ  | 5418.0 | 3822.5 |
|  | GM+IFN-ϒ +50nMCort | 390.0 | 324.3 |  | GM+IFN-ϒ +50nMCort | 5288.3 | 3983.3 |
|  | GM+IFN-ϒ +1uMCort | 983.5 | 620.5 |  | GM+IFN-ϒ +1uMCort | 2762.1 | 2248.7 |
| IL-7 | GMCSF | 6.1 | 2.8 | GRO | GMCSF | 4317.8 | 1026.2 |
|  | GM+IFN-ϒ  | 6.3 | 4.6 |  | GM+IFN-ϒ  | 4210.2 | 888.4 |
|  | GM+IFN-ϒ +50nMCort | 9.7 | 8.2 |  | GM+IFN-ϒ +50nMCort | 3085.0 | 902.1 |
|  | GM+IFN-ϒ +1uMCort | 17.2 | 7.0 |  | GM+IFN-ϒ +1uMCort | 1610.8 | 869.1 |
| MIP-1b | GMCSF | 5358.7 | 1993.9 | IL-17a | GMCSF | 3.9 | 0.5 |
|  | GM+IFN-ϒ  | 5490.2 | 1921.8 |  | GM+IFN-ϒ  | 4.7 | 1.0 |
|  | GM+IFN-ϒ +50nMCort | 6867.3 | 2572.6 |  | GM+IFN-ϒ +50nMCort | 4.3 | 1.0 |
|  | GM+IFN-ϒ +1uMCort | 6087.2 | 1974.9 |  | GM+IFN-ϒ +1uMCort | 3.0 | 0.4 |
| IL-1a | GMCSF | 27.5 | 27.2 | IL-3 | GMCSF | 7.2 | 3.9 |
|  | GM+IFN-ϒ  | 45.9 | 25.9 |  | GM+IFN-ϒ  | 7.9 | 4.4 |
|  | GM+IFN-ϒ +50nMCort | 36.6 | 20.4 |  | GM+IFN-ϒ +50NmCort | 6.8 | 3.6 |
|  | GM+IFN-ϒ +1uMCort | 44.7 | 31.6 |  | GM+IFN-ϒ +1 uMCort | 6.8 | 3.6 |
| IL-1b | GMCSF | 404 | 309 | MIP-1a | GMCSF | 7708.9 | 1528.8 |
|  | GM+IFN-ϒ  | 550 | 367 |  | GM+IFN-ϒ  | 8177.8 | 1616.2 |
|  | GM+IFN-ϒ +50nMCort | 366 | 163 |  | GM+IFN-ϒ +50nMCort | 8231.6 | 717.5 |
|  | GM+IFN-ϒ +1uMCort | 435 | 350 |  | GM+IFN-ϒ +1uMCort | 6780.4 | 791.9 |

Data not shown for the following results that were out of assay range: TNF-α, IL-8, IFN-ϒ, EGF, Eotaxin, TGFa, Fractilkine, IL-10, RANTES, PDGF-AA, IL-12p70, MCP-3.