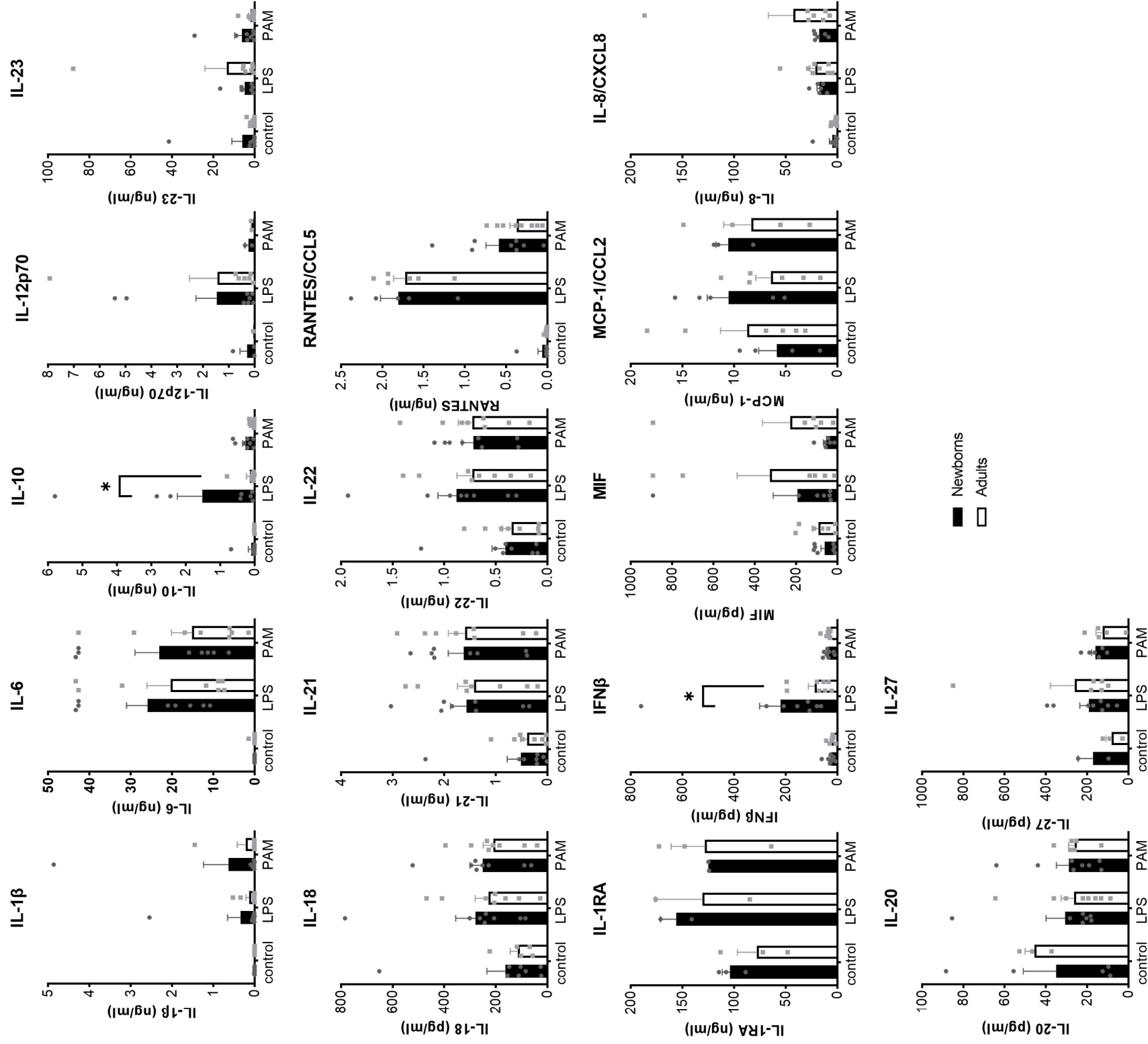


Supplementary Table I: Intracellular gentamicin concentration was quantified in newborn and adult M-CSF-MDMs after 30 minutes incubation with 100 µg/ml gentamicin, and further incubation with 20 µg/ml gentamicin to reach 3 or 18 hours. Results are expressed as mean of triplicates of 2 newborns and 2 adults.

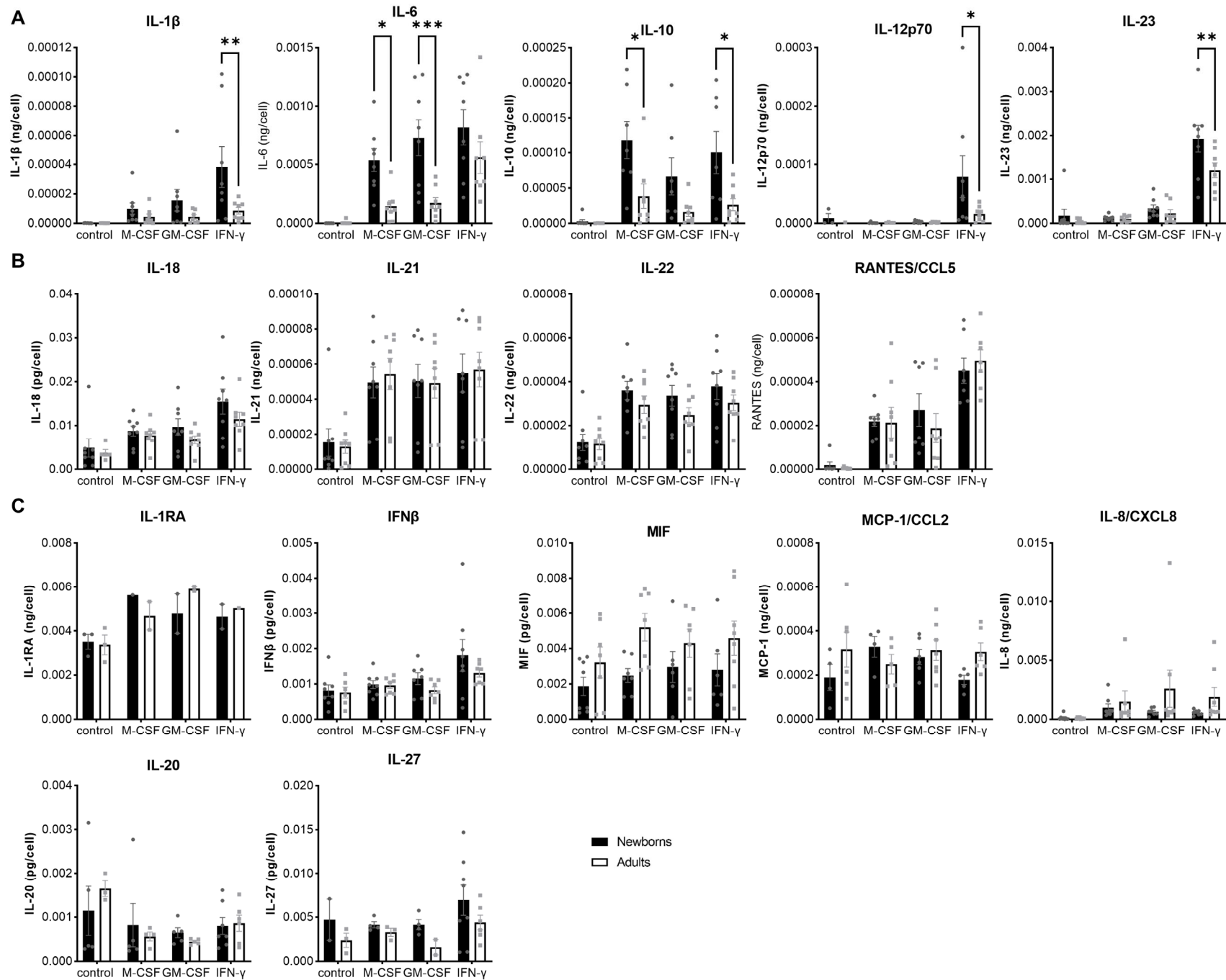
Gentamicin (µg/ml)	Newborns	Adults
3h	< 0,04 / 0,08	< 0,04 / < 0,04
18h	< 0,04 / 0,08	< 0,04 / < 0,04

Supplementary Table II: Extracellular bacteria (percentage of the initial inoculum) were quantified after 1h of exposition of newborn and adult M-CSF-MDMs to GBS, 30 minutes incubation with 100 µg/ml gentamicin, and further incubation with 20 µg/ml gentamicin to reach 3 or 18 hours. Results are expressed as mean ± SEM of triplicates of 6 newborns and 6 adults for the 3 hours, and 2 newborns and 2 adults for the 18 hours time points.

% of extracellular GBS	Newborns	Adults
3h	0.22 ± 0,13 %	0,31 ± 0,21 %
18h	0.002 ± 0,001 %	0.001 ± 0,0002 %



Suppl. Figure 1: Cytokine and chemokine release by newborn and adult MDMs in response to LPS and Pam3CSK4. Newborn and adult IFN γ -activated MDMs were exposed to 0.2 μ g/ml LPS or 2 μ g/ml Pam $_3$ CSK $_4$ (PAM). Concentrations of 16 cytokines/chemokines were measured in cell culture supernatants collected at 18 hours. Results are expressed as mean \pm SEM of 8 newborns and 8 adults (except for IL-1RA in panel C, n = 2-3). * P < 0.05.



Suppl. Figure 2: Distinct patterns of cytokine and chemokine release by newborn and adult MDMs in response to GBS. Newborn and adult resting (M-CSF-) and GM-CSF- or IFN γ -activated MDMs were exposed to GBS (10^7 bacteria, MOI 100). The control condition corresponds to M-CSF-MDMs not exposed to GBS. Concentrations of M-CSF, GM-CSF and IFN γ are 50 ng/ml. Concentrations of 16 cytokines/chemokines were measured in cell culture supernatants collected at 18 hours. **(A)** Cytokines differentially induced in newborn and adult MDMs: IL-1 β , IL-6, IL-10, IL-12p70, IL-23. **(B)** Cytokines/chemokines induced at similar levels in newborn and adult MDMs: IL-18, IL-21, IL-22, RANTES/CCL5. **(C)** Cytokines/chemokines not induced by GBS, neither in newborn nor in adult MDMs. Data are presented as the cytokine concentrations divided by the number of cells in each well and are expressed as mean \pm SEM of 8 newborns and 8 adults (except for IL-1RA in panel C, n = 2-3). *P < 0.05, ** P < 0.01.