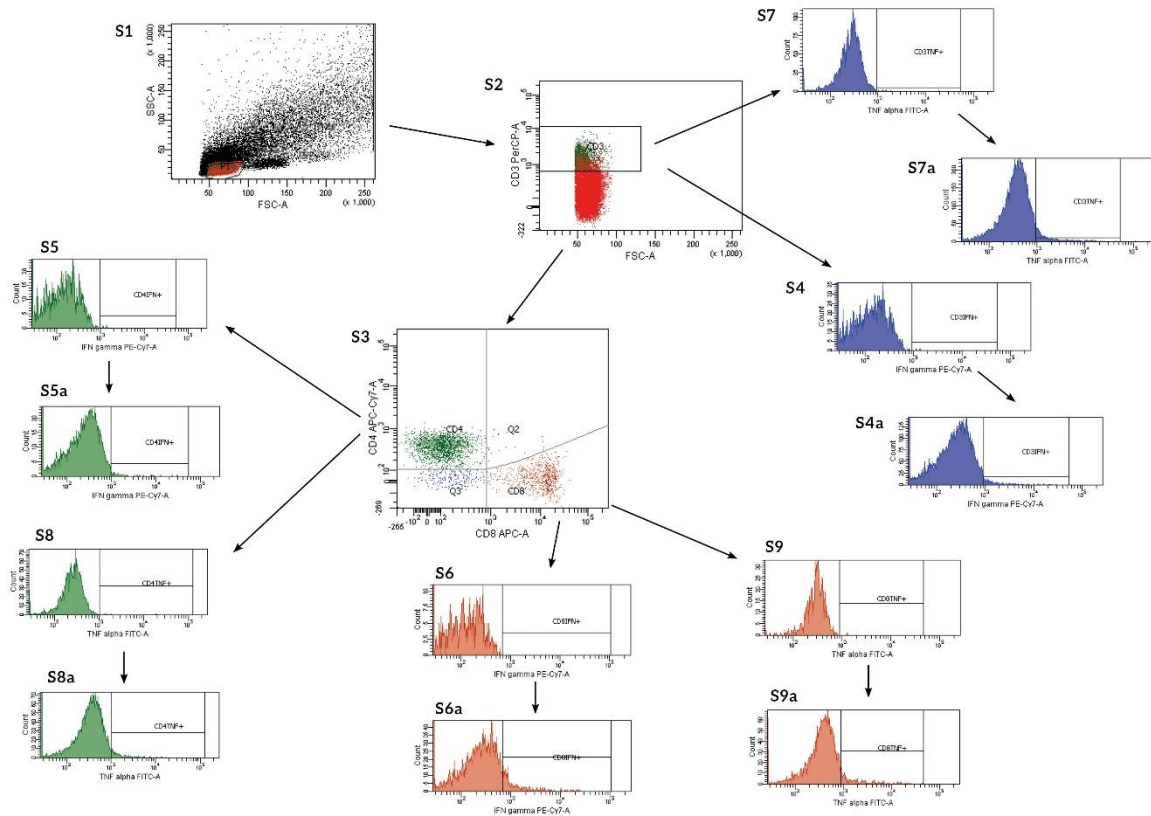Supplementary data to figure 1: Lymphocytes after PMA stimulation. Gating strategy: lymphocytes were identified on FSC/SSC dot plot G1) as cells within 50-100 x 10^3 on FSC and below 50 x 10^3 on SSC. G2) doublets exclusion. G3) CD3 positive cells (T lymphocytes were identified as events with PreCP fluorescence above 10^3 on logarithmic scale G4) TNF - α positive T lymphocytes were identified as CD3^{+} lymphocytes from G3 gate with fluorescence higher than fluorescence minus one from G4a. G5) IL-10 positive T lymphocytes were identified as CD3^{+} lymphocytes from G3 gate with fluorescence higher than fluorescence minus one from G5a. G6) INF – γ positive T lymphocytes were identified as CD3^{+} lymphocytes from G3 gate with fluorescence higher than fluorescence minus one from G6a. G7) TGF - β positive T lymphocytes were identified as CD3^{+} lymphocytes from G3 gate with fluorescence higher than fluorescence minus one from G7a. FMO controls are represented on G4a, G5a, G6a, Ga7, G8a dot plots.

S1 SSC-A (x 1,000) FSC-A (x 1,000)

S2 CD3 PerCP-A CD3 FSC-A (x 1,000)

S7 Count CD3TNF+ TNF alpha FITC-A

S7a Count CD3TNF+ TNF alpha FITC-A

S4 Count CD3IFN+ IFN gamma PE-Cy7-A

S4a Count CD3IFN+ IFN gamma PE-Cy7-A

S5 Count CD4IFN+ IFN gamma PE-Cy7-A

S5a Count CD4IFN+ IFN gamma PE-Cy7-A

S3 CD4 APC-Cy7-A CD4 Q2 Q3 CD8 CD8 APC-A

S8 Count CD4TNF+ TNF alpha FITC-A

S8a Count CD4TNF+ TNF alpha FITC-A

S6 Count CD8IFN+ IFN gamma PE-Cy7-A

S6a Count CD8IFN+ IFN gamma PE-Cy7-A

S9 Count CD8TNF+ TNF alpha FITC-A

S9a Count CD8TNF+ TNF alpha FITC-A

Supplementary data to figure 2: Lymphocytes after PHA stimulation. Gating strategy: lymphocytes were identified on FSC/SSC dot plot S1) as cells within 50-100 x 10^3 on FSC and below 50 x 10^3 on SSC, S2) CD3 positive cells (T lymphocytes were identified as events with PreCP fluorescence above 10^3 on logarithmic scale S3) CD4 positive cells (T helper lymphocytes were identified as events with APC-Cy7 fluorescence above 10^2 on logarithmic scale and CD8 positive cells (T cytotoxic lymphocytes were identified as events with APC fluorescence above 10^3 on logarithmic scale. IFN $- \gamma$ [pos] cells were identified as cells positive for PeCy7 above 10^3 respectively from gate CD3 (S4a), CD4(S5a), CD8(S6a). TNF -α [pos] cells were identified as cells positive for PeCy7 above 10^3 respectively from gate CD3(S7a), CD4(S8a), CD8(S9a). FMO controls are represented on S4, S5, S6, S7, S8 histograms.