Figure S1



CD66b expression in cells from the PBMC fraction:

The PBMC fraction was prepared from heparinized blood samples by Ficoll density gradient sedimentation. In CAPS patients, FACS forward side scatter revealed an FSC^{high}SSC^{high} "granulocytic" population (Gate 1). Only cells out of Gate 1 were CD66b positive.

Figure S2



Conventional PMNs do not decrease IL-1β secretion from CAPS monocytes:

Conventional "high-density" PMNs (CD66b⁺) and monocytes (CD14⁺) were MACS-isolated from heparinized blood of CAPS patients and cocultured with or without LPS (10 ng/ml) in complete medium at 37°C, 5% CO₂. After 4 hours of incubation, supernatants were analyzed for IL-1 β -levels with ELISA. Data are shown as means ± SEMs analyzed by a paired t-test.

Figure S3



IL-1β MDSCs

Cytospins of *in vitro* IL-1β-induced MDSCs:

MDSCs were induced by incubating PBMCs (5 x 10^5 /ml) with complete medium and 1 ng/ml IL-1 β . CD33⁺ were MACS-isolated and cytospins were stained with May–Gruenwald–Giemsa.

Figure S4



Surface marker staining of *in vitro* IL-1β-induced MDSCs:

MDSCs were induced by incubating PBMCs (5 x 10^5 /ml) with complete medium and 1 ng/ml IL-1 β . Histograms show surface marker staining. MDSCs were determined as SSC^{high}CD33⁺CD14⁻ cells.

