**Figure A**

Bar graph showing phagocytosis levels over time (24h and 48h) for control and CSN1S1 conditions. Significant differences are indicated by * (p < 0.05) and ** (p < 0.01).

**Figure B**

Histograms depicting the relative counts of CD14, CD64, CD83, and CD1a. Staining patterns are observed for medium, GM-CSF, and GM-CSF/CSN1S1 treatments. Differences are marked with * (p < 0.05).

**Figure C**

Graph illustrating M-CSF levels in control, CSN1S1, and M-CSF Ab conditions. Statistical significance is noted with * (p < 0.05).

**Figure D**

Histograms comparing mean fluorescence intensity for CD14, CD116, and CD115 in control, CSN1S1, and CSN1S1 + M-CSF Ab conditions. Significance is indicated by * (p < 0.05) and n.s. for non-significance.