Chart, bar chart

Description automatically generated with medium confidence

**Supplementary Figure 1.** **Stable states of the Logical model and matching cell types**. The first column corresponds to the final outcome (stable state) in the absence of both IL4, and CSF2, *i.e.,* cell-death of the monocytes. The second column corresponds to the stable state obtained for the stimulation of monocytes by IL4. The third column corresponds to the macrophage outcome, in the presence of the sole CSF2. Finally, the fourth column corresponds to moDC commitment, in the presence of both IL4, and CSF2, where STAT3 reaches the level 2 in the presence of the long non-coding RNA LnC-DC, and PU.1 reaches the level 2, which is required to turn-off MAFB during moDC commitment.