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| **Parameter** | **Value** | **Description** |
| CytAct | 0.005 | controls the sensitivity of macrophages to cytokines |
| MKill | 0.09 | controls the ability of KCs to kill ingested parasites |
| MHCIProd | 0.079 | controls the production of MHC class I peptides by KC |
| MHCIIProd | 0.0163 | controls the production of MHC class II peptides by KC |
| CD1dProd | 0.0179 | controls the production of CD1d peptides by KC |
| MHCILife | 3 (from[3]) | half-life of MHC class I peptides |
| MHCIILife | 60 (from [4]) | half-life of MHC class II peptides |
| CD1dLife | 20 (from [5] ) | half-life of CD1d peptides |
| MacArr | 0.4 | controls the arrival of non-resident macrophages |
| MonoLeave | 0.15 | controls the departure of non-resident macrophages |
| KCIncomeRate | 0.0001 | controls the inflow of KCs |
| MacCyt | 3 | controls the cytokine production of macrophages |
| ActivationFight | 0.05 | controls the pairwise down-regulation of (de)activations |
| MacActivationDecay | 0.001 | controls the time-dependent decay of (de)activations |
| KCCC | 100 | “carrying capacity” of KC |