1. How to seed immune cells (especially DC cell)
2. How to activate immune cells ( immune-submodel L972, L986)
3. In immune\_submodel, use

“number\_of\_new\_cells\_prob = total\_rate \* elapsed\_time” to determine how many immune cells should be recruited in “elapsed\_time”, because immune cells’ birth rates are set as zero in xml, only have death rate.

To do lists:

1. May add a saturation in CD8 CD4 and Ig recruitment functions.
2. Add a decay rate for mRNA and epitodes in model