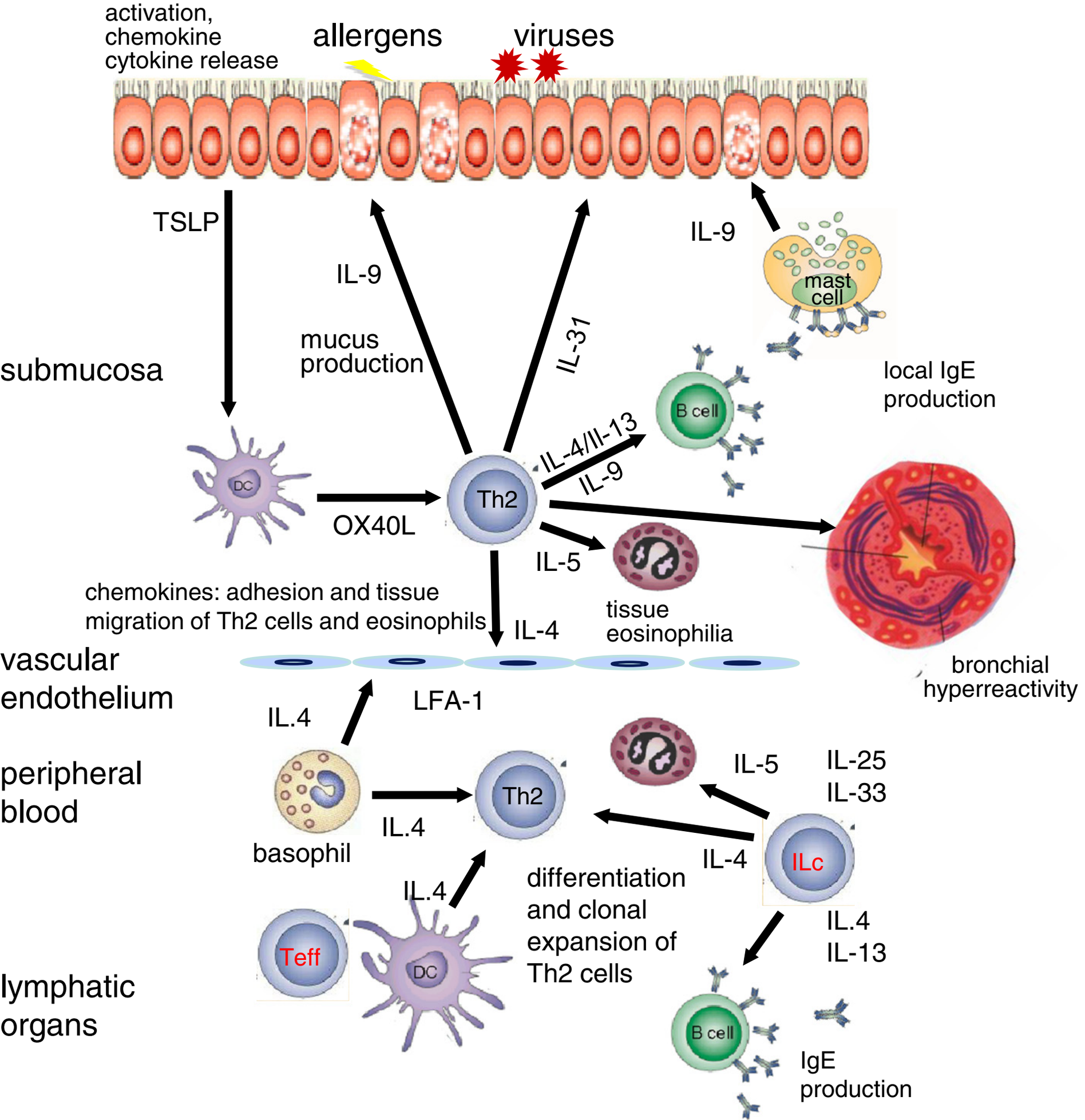
activation,
chemokine
cytokine release
allergens
viruses
TSLP
IL-9
mucus
production
IL-31
IL-9
mast
cell
local IgE
production
submucosa
B cell
IL-4/Il-13
IL-9
DC
OX40L
Th2
IL-5
tissue
eosinophilia
chemokines: adhesion and tissue
migration of Th2 cells and eosinophils
IL-4
vascular
endothelium
LFA-1
bronchial
hyperreactivity
IL.4
peripheral
blood
Th2
IL-5
IL-25
IL-33
basophil
IL.4
IL-4
ILc
IL.4
differentiation
and clonal
expansion of
Th2 cells
Teff
DC
IL.4
IL.4
IL-13
lymphatic
organs
B cell
IgE
production