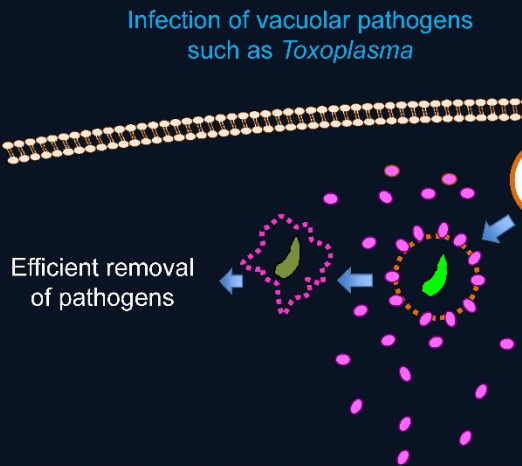


Gate-16 enhances IFN- γ -mediated cell autonomous immunity

Wild-type cells

Infection of vacuolar pathogens such as *Toxoplasma*



**Uniform GBP distribution
And the efficient loading on PCV**

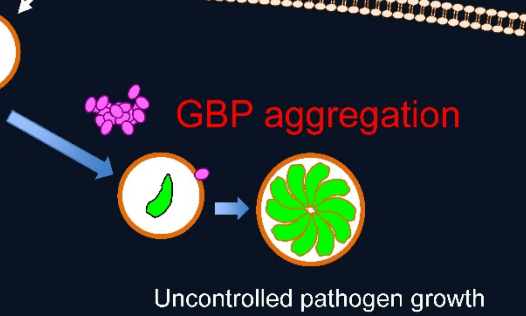
● : GBPs

Gate-16 deficient cells

Pathogen Containing Vacuole (PCV)

GBP aggregation

Uncontrolled pathogen growth



GBPs can not recruit on PCV

Sasai M, et al. *Nature Immunology* (2017)