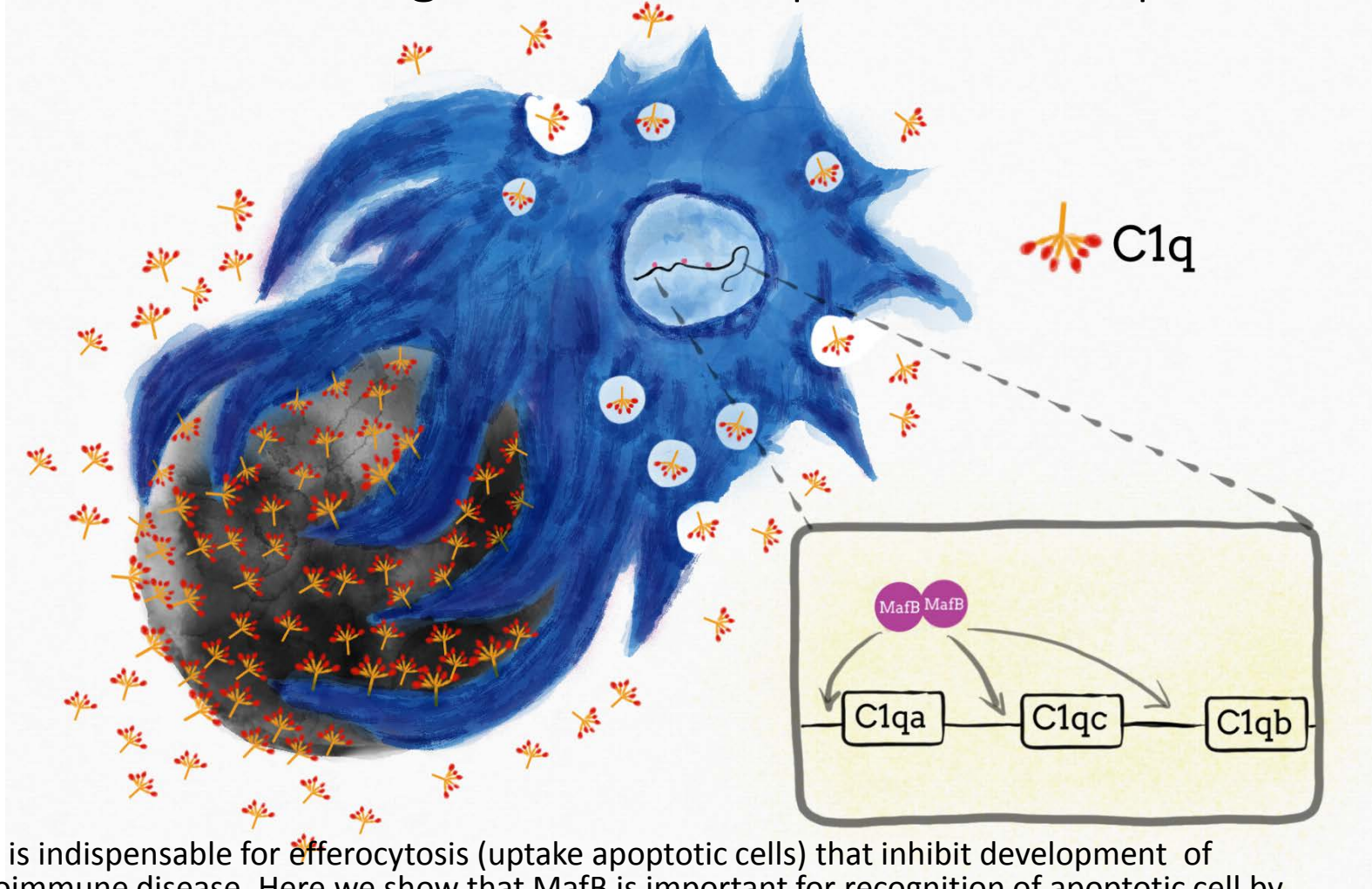


From Laboratory of Anatomy and Embryology

MafB is a critical regulator of complement component C1q



C1q is indispensable for efferocytosis (uptake apoptotic cells) that inhibit development of autoimmune disease. Here we show that MafB is important for recognition of apoptotic cell by macrophage via directly regulate C1qa, C1qb, and C1qc. We also show that *Mafb*-deficiency can increase glomerular autoimmunity, including anti-nuclear antibody deposition.

References: Tran et al. Nature communications. 8(1):1700. doi: 10.1038/s41467-017-01711-0.

Contact: Prof. S Takahashi