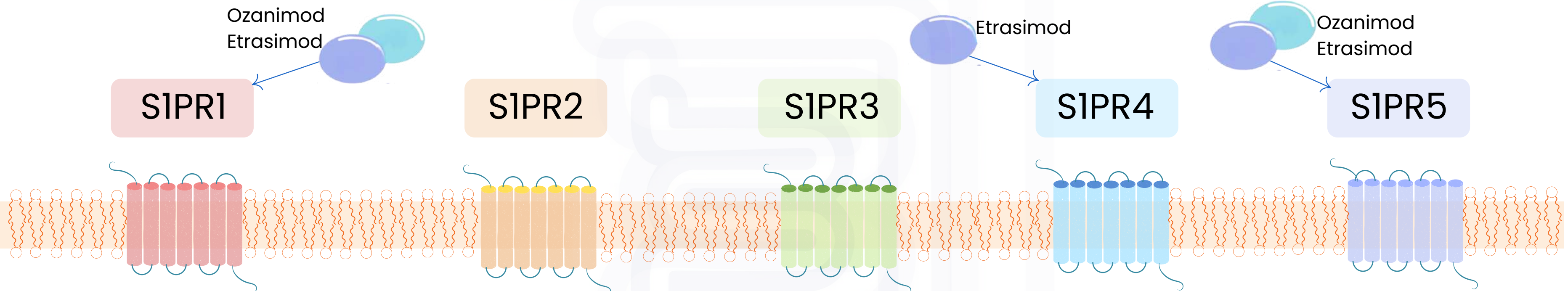


- ORGAN SYSTEM EXPRESSION**
- Brain, heart, spleen, liver, lung, thymus, kidney, skeletal muscle (SIPR1,2,3). Lymphoid (SIPR1), testis (SIPR3)
 - Lymphoid & lung
 - Brain, skin, spleen
- IMMUNE CELL EXPRESSION**
- B cell, macrophage, monocyte, eosinophil/mast cell (SIPR1,2&3). Dendritic cell & neutrophil (SIPR1&3), T cell & NK cell (SIPR1)
 - Macrophage/monocyte, neutrophils, eosinophil/mast, dendritic, T & B cell
 - NK cell, eosinophil/mast cell, patrolling monocytes



FUNCTIONS

- Lymphocyte trafficking
- T cell regulation
- Promotion of tumour growth & metastasis (STAT3-dependent)
- Angiogenesis
- Cell survival, migration & proliferation
- Modulation of barrier function
- Apoptosis inhibition
- Chronic intestinal inflammation
- Neural cell migration/function

- Cell migration & proliferation
- Modulate barrier function
- Pro-tumorigenic or anti-tumorigenic
- Pro-inflammatory
- Macrophage & dendritic cell activation
- Vascular tone
- Hearing and balance

- Cell migration
- Cell proliferation
- Modulate barrier function
- Leukocyte rolling
- Neural cell migration & function
- Heart rate

- Cytoskeletal rearrangement
- Dendritic cell & Th17 differentiation & activation
- Protumorigenesis
- Vascular development and integrity
- Vasoconstriction

- Monocyte egress from bone marrow
- Tumorigenesis
- NK cell migration
- Oligodendrocyte function

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