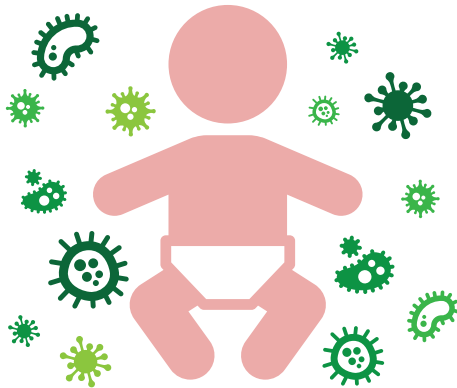


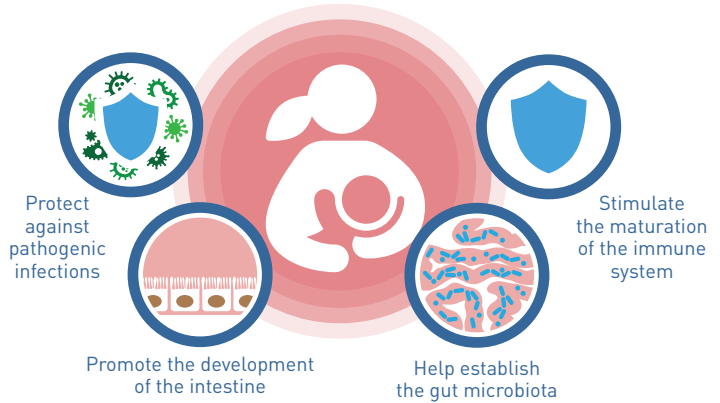
The benefits of Human Milk Oligosaccharides on immunity

Human milk contains bioactive components that confer protection on the newborn. These include complex carbohydrates called Human Milk Oligosaccharides (HMOs). Research is revealing the full extent of the beneficial properties of HMOs.

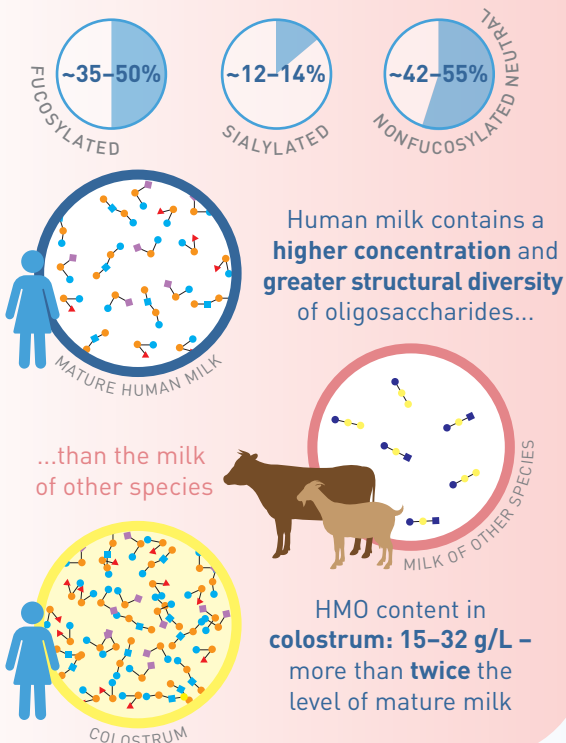
The immune system of the infant is functionally immature and naive



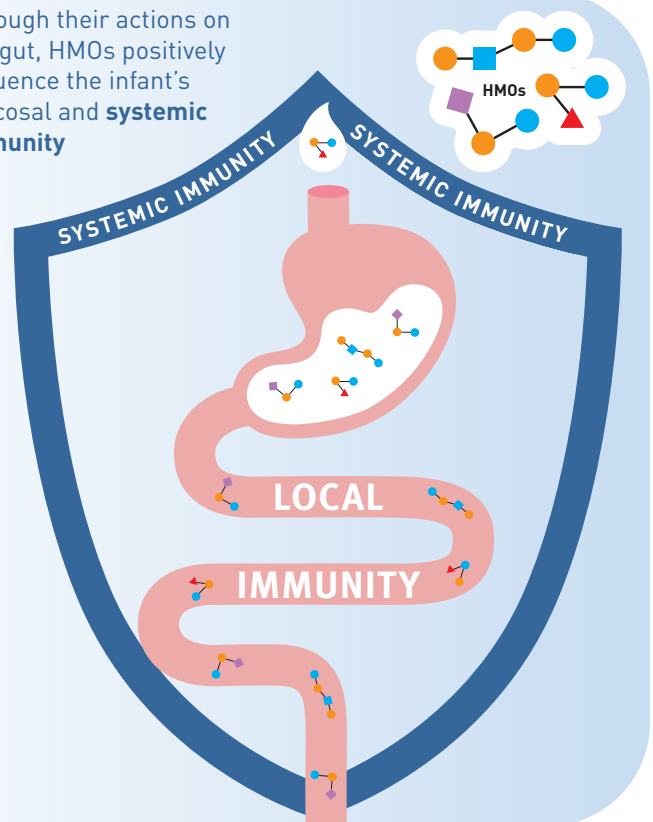
HMOs give newborns multiple layers of protection



HMO content in **mature milk: 1–10 g/L**
Broken down into categories:



Through their actions on the gut, HMOs positively influence the infant's mucosal and **systemic immunity**



HMOs are a predominant component of human milk with the potential to modulate the immune function of the infant.

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