



ASEAN NUTRITION DAY

Organised By:

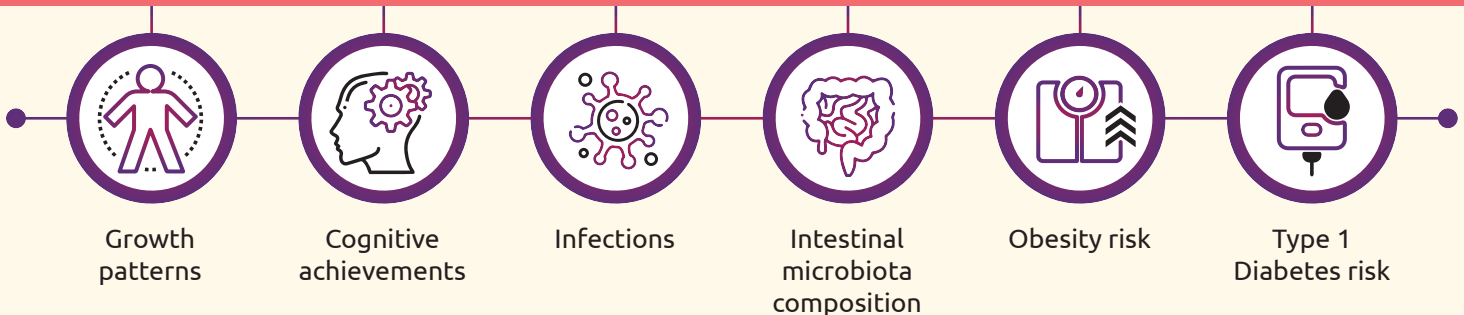


Functional Benefits of Milk Fat Globule Membrane (MFGM)

Breastmilk and nutrition are the most tangible and modifiable way of modulating infant development.



Breastfed infants have more favourable outcomes than formula-fed infants:



1

MFGM supplementation has demonstrated brain benefits



MFGM

- Achieved higher Bayley-III scores in cognition, social emotional and adaptive behavior.
- Achieved better behavioral regulation.

MFGM + lactoferrin

- Achieved higher Bayley-III scores in cognition, language and motor skills.

Gangliosides

- Achieved higher Griffith's scale score.

2

MFGM supplementation has demonstrated immunity benefits



MFGM

- Reduced risk of acute otitis media.
- Reduced prevalence or Moraxella catarrhalis, known to cause otitis media.
- Decreased antipyretic use.
- Reduced episodes of bloody diarrhea.
- Decreased no. of day with fever.

MFGM + lactoferrin

- Reduced upper respiratory infection associated adverse events.
- Reduced diarrhoea associated adverse events.

MFGM + probiotics

- Reduced episodes and duration of fever.

3

MFGM supplementation has demonstrated gut benefits



MFGM + lactoferrin

- Increased bifidobacterial, bacteroides
- Decreased E coli



- MFGM clinical studies may differ in design but results are very encouraging.
- More clinical studies to strengthen current evidence are needed, especially in necrotizing enterocolitis, infantile colic and rotavirus prevention.



Functional Benefits of Milk Fat Globule Membrane (MFGM)

Scan the QR code to find out more.

*All content has been provided by **Key Opinion Leaders** in the area **Milk Fat Globule Membrane** as a part of Mead Johnson (Asia Pacific) Pte Ltd's medical education initiatives