Role of Prebiotics in Early-Life Gut Aicrobiota Development







- Human Gut Microbiome: 100 trillion bacteria of 35,000 species
 - Other microorganisms fungi, archaea, viruses and nd pr

Improves intest barrier function

thy gut

- Impacts long-term microbiome establishment
 Infant gut microbiota drives ove health & immunity in later life

Gut microflora dy life
 Predisposition to

ctors Affecting Development of Infar













gnitive development by providing ential bioactive components

Problem (?)

A scGOS and IcFOS mixture (9:1 ratio) in infant feeds confers essential prebiotics for healthy gut microbiota development.²³

52%

31%

Standard infant feed

10% of the caloric nts of hun

cGOS and IcFOS (9:1 ratio

e containing scGOS and IcFOS t microbiota development.²