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(57) Abstract :
ABSTRACT Production of multi-therapeutic bioactive peptide from colostrum fat-globule membrane protein A multi-therapeutic bioactive peptide derived from cow colostrum fat-globule membrane proteins acts as a partial agonist of PPARγ and is responsible for reducing glucose, lipid and oxidative stress levels. While binding with PPARγ protein, peptide GPAGPQGPR bound with GLN301, GLU300, GLN299, GLU319, and GLN373. Due to its high binding efficiency bioactive peptide helps to decrease glucose without leading to lipid accumulation.

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