

**ABSTRACT****Prospective Red Passion Fruit (*Passiflora edulis* Sims.) as a Source of Resistant Multistrain Probiotics against Vancomycin**  
*Literature Review*

Alfin Khoirul Rohmatin

Red passion fruit is a nutrient-dense fruit for the growth of probiotic bacteria. One requirement for characteristic of probiotics is resistant to vancomycin. This study aims to explore the types of multistrain probiotics from red passion fruit isolates and their resistance to vancomycin. From the 20 journals studied, 2 journals were used to conclude the similarity in nutritional content between types of passion fruit and 18 journals were used to draw conclusions. Passion fruit contains multistrain probiotics consisting of *L. plantarum*, *L. bulgaricus*, and *W. cibaria*. 4 journals stated that *L. plantarum* was intrinsically resistant to vancomycin and 2 journals stated that *W. cibaria* was also intrinsically resistant to vancomycin. Red passion fruit has the same nutritional content as other types of passion fruit, so red passion fruit may contain the same type of probiotic bacteria. Therefore, red passion fruit has a prospective as source of multistrain probiotics that are resistant to vancomycin.

**Keywords:** probiotic, multistrain, red passion fruit, resistance, vancomycin