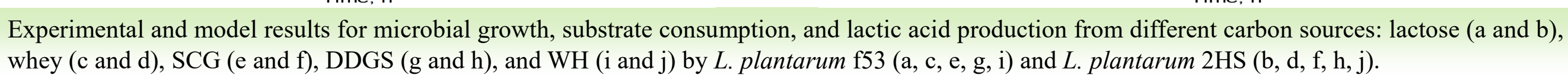


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Overall, the integration of strain selection and kinetic modeling enhances the potential for converting agro-industrial residues into lactic acid with applications across sustainable food and agricultural systems.

Results and discussion



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