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Peristaltic Manipulation of a Bio-Particle Contained in a Closed Cavity Filled with a Bingham Fluid: a Numerical Study

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Highlights

- Peristaltic waves can be used to control the trajectory of large particles.
- Efficiency of peristaltic waves for particle transport is increased if the fluid is viscoplastic.
- Circular particles move faster than elliptical particles in peristaltic flow.

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