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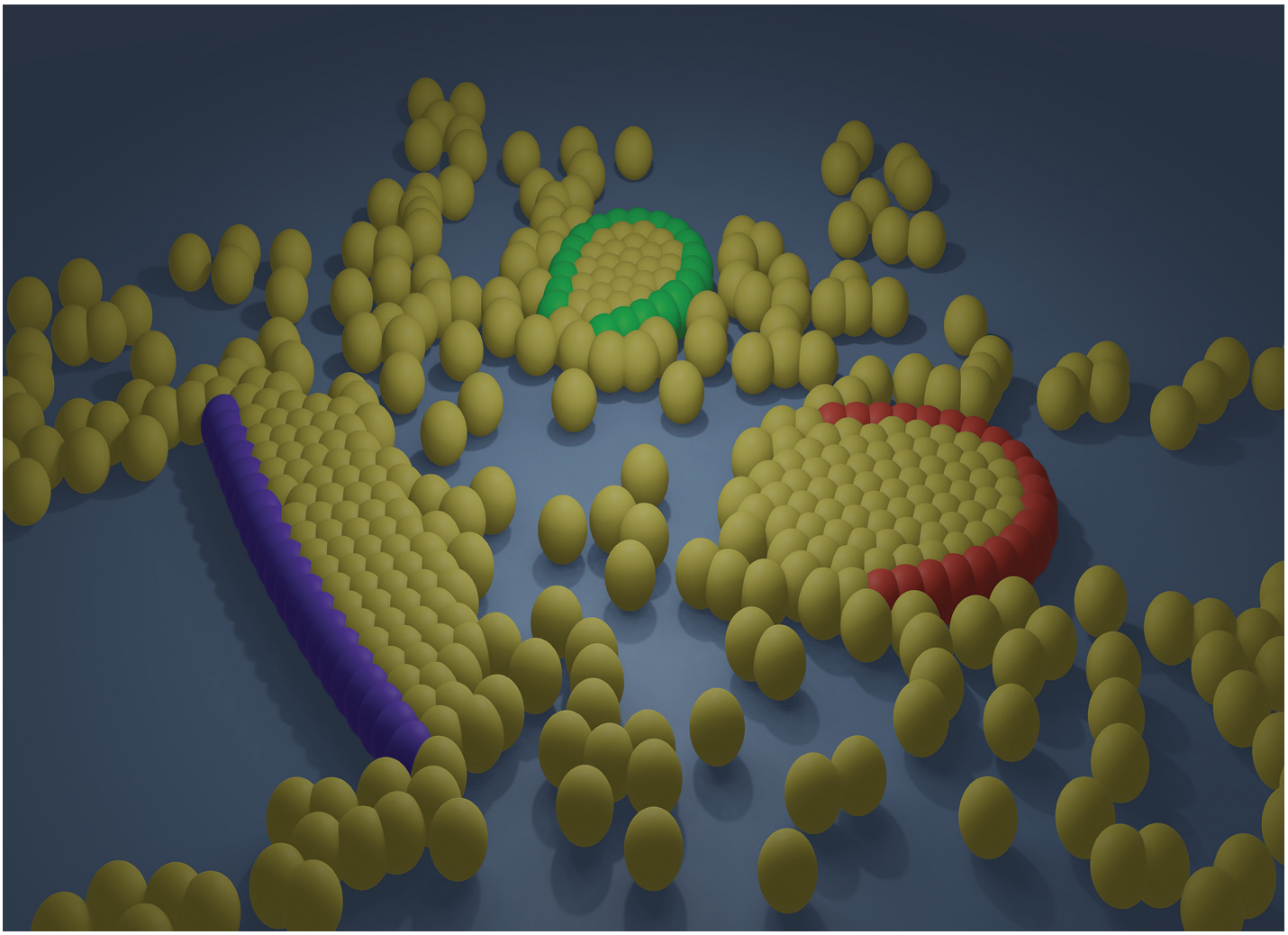

Highlighting the research from Dr K. R. Prathyusha (The Bhamla Lab), at Georgia Institute of Technology, Atlanta.

Passive particle transport using a transversely propelling polymer "sweeper"

Langevin dynamics simulations demonstrate that a transversely propelling polymer can act as an effective sweeper, efficiently gathering passive Brownian particles in a manner reminiscent of a shuttle-cargo system. The interplay between stiffness and propulsion strength influences the morphology of the polymer and enables the formation of a triangular, densely packed state for the collected particles.

As featured in:

See K. R. Prathyusha, *Soft Matter*, 2023, **19**, 4001.

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