A Diffuse Interface Framework for Modeling the Evolution of Multi-cell Aggregates as a Soft Packing Problem

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Soft packing problem: Overview

- Motivation
  - Embroyogenesis
  - Tumor growth
- Previous models
  - Vertex based, cell based, cellular automata.
- Phase field formulation of soft packing
- Mechanics of soft packing
- Material models
- Summary

Thank you!!!