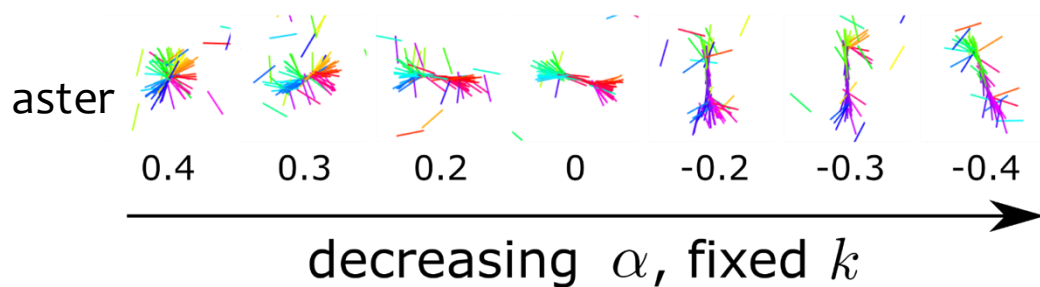


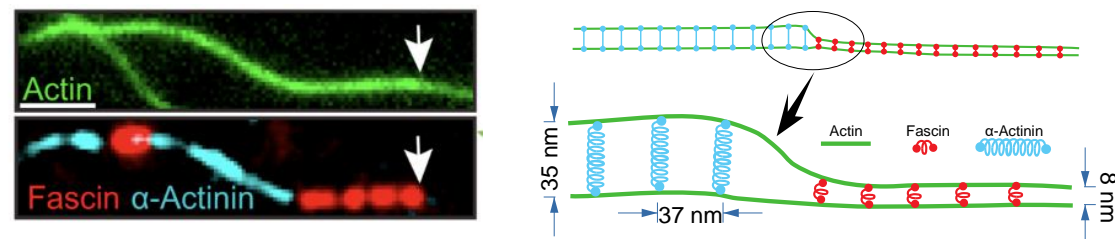
Thermodynamic Control of Activity Patterns in Cytoskeletal Networks



A unique thermodynamic control principle for activity patterning of cytoskeletal networks

Lamtyugina*, Qiu*, Fodor, Dinner and Vaikuntanathan. *PRL* 2022.

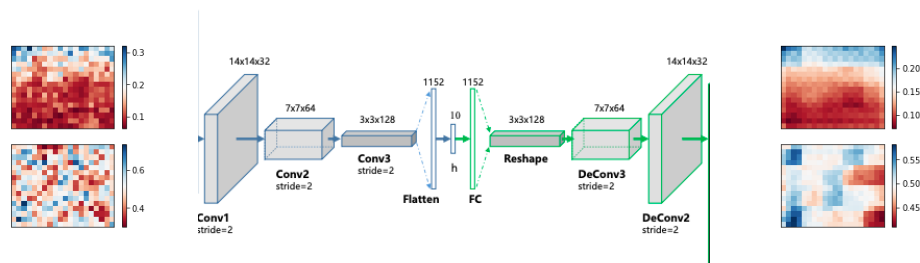
A Strong Non-equilibrium Bound for Sorting of Crosslinkers on Growing Biopolymers



Can we extend the linear irreversible thermodynamics framework to the far-from-equilibrium regime?

Qiu, Nguyen, Hocky, Dinner, and Vaikuntanathan. *PNAS* 2021.

Identifying the Control Knobs of Cytoskeletal Flow using Simulations and Representation Learning



Qiu, White, Vaikuntanathan and Dinner, arXiv:2310.10819, under review in *PNAS*

