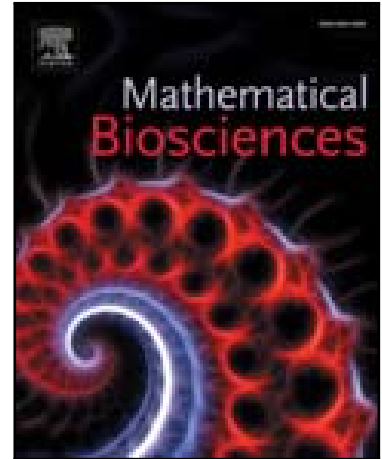


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Effect of circulating tumor cell aggregate configuration on hemodynamic transport and wall contact

Kevin J. Anderson , Adelaide de Guillebon , Andrew Hughes , Weiwei Wang , Michael R. King

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Highlights

- The size and shape of cellular aggregates affects their transport in the circulation and frequency/duration of contact with a vessel wall.
- Circulating tumor microemboli are found in a variety of configurations, and can be accurately represented with computer models.
- In the future, circulating tumor cell characterization may be correlated with metastasis potential via multiscale modeling of cellular transport and adhesion.

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