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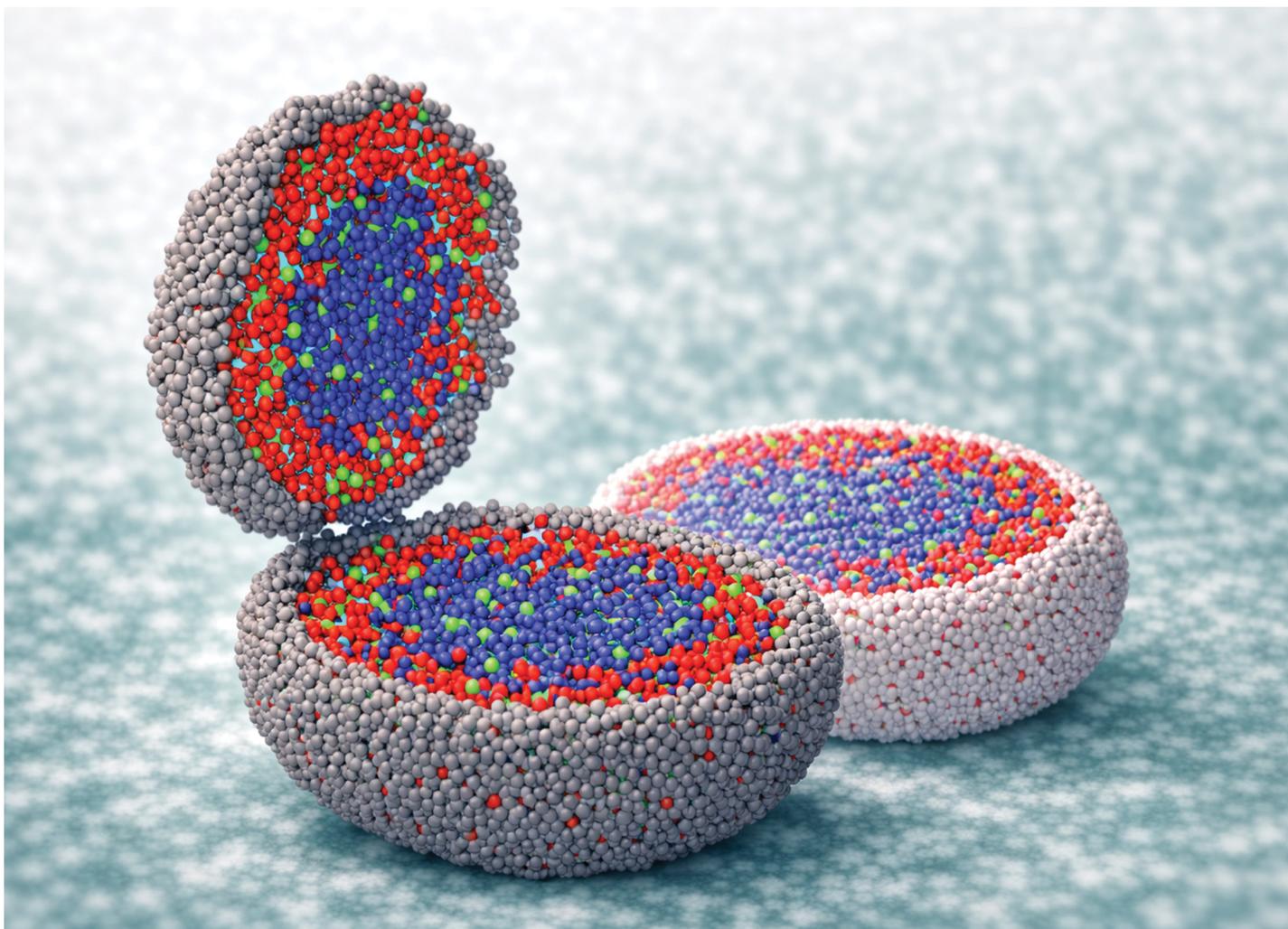
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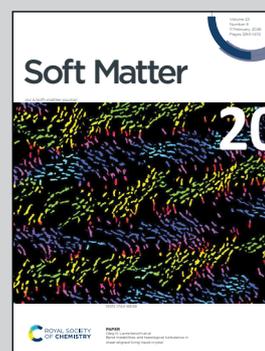
Highlighting research from the J. M. Schwarz Theory Group, Department of Physics, Syracuse University.

Differential crosslinking and contractile motors drive nuclear chromatin compaction

Using simulations, we show how differential chromatin crosslinking and contractile motors reorganize nuclear chromatin, driving segregation with euchromatin in the interior and heterochromatin enriched at the periphery, linking chromatin compaction to nuclear deformations.

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As featured in:



See Ligesh Theeyancheri, Edward J. Banigan and J. M. Schwarz, *Soft Matter*, 2026, **22**, 1326.