

Materials Science books

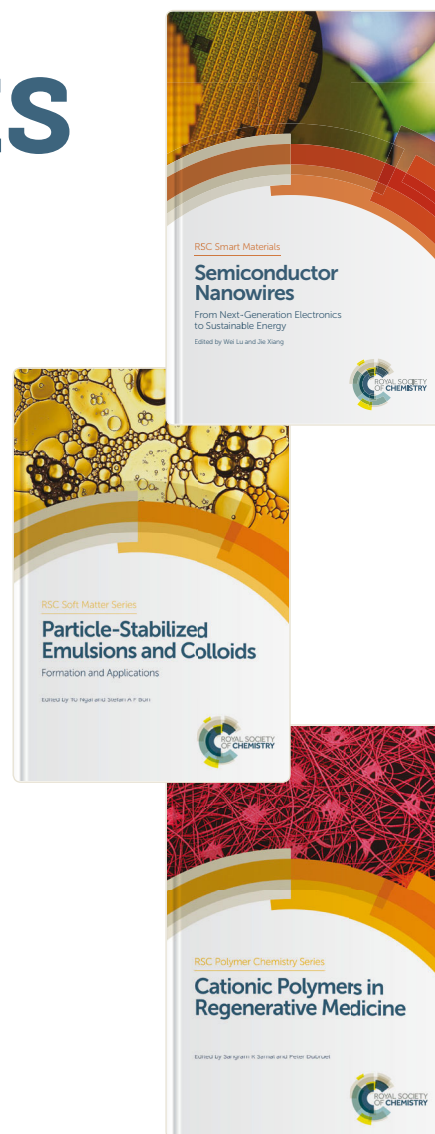
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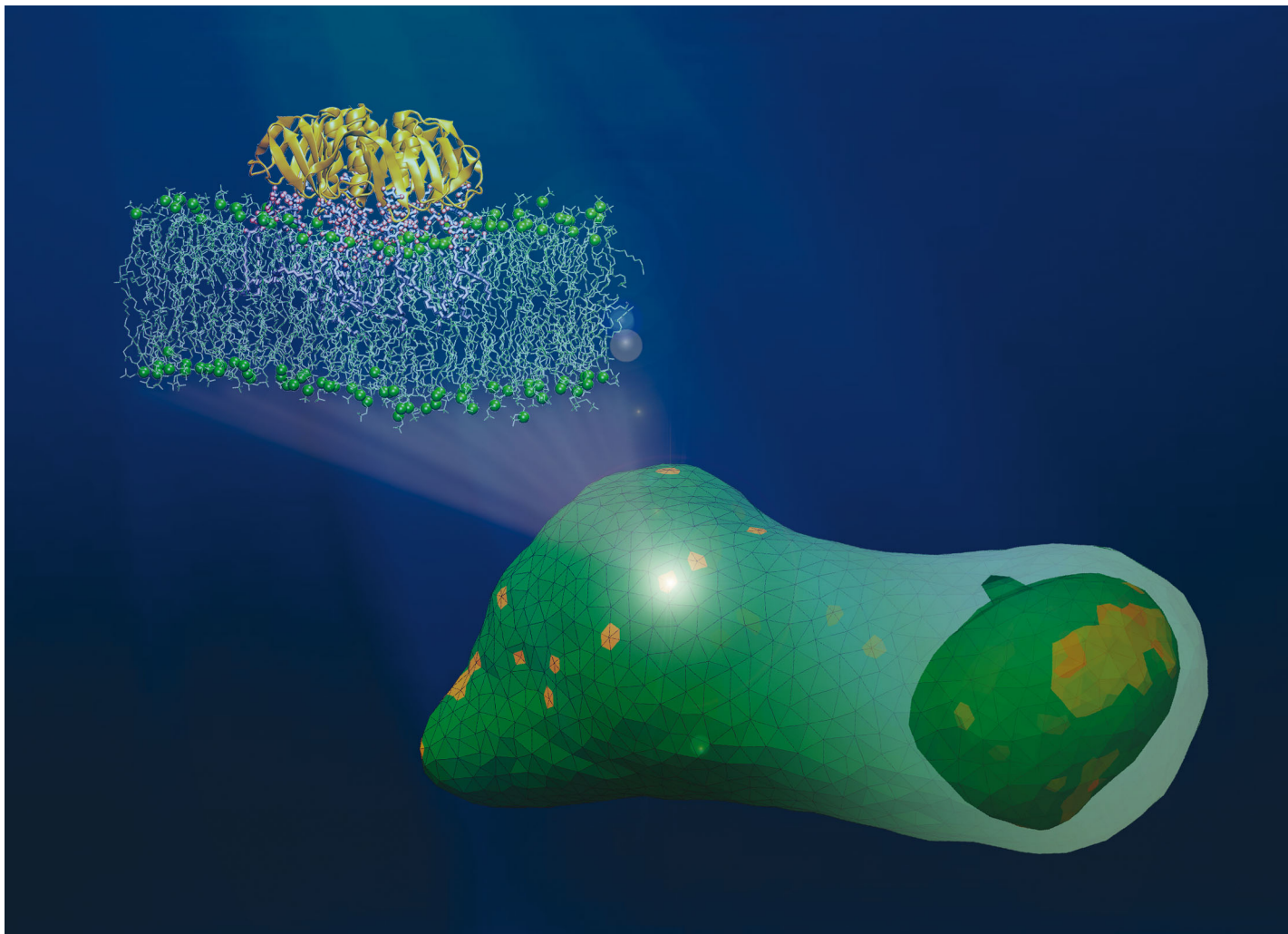
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Highlighting work from Dr John Ipsen and co-workers at the Center for Biomembrane Physics (MEMPHYS), University of Southern Denmark, done in collaboration with international colleagues

Membrane invagination induced by Shiga toxin B-subunit: from molecular structure to tube formation

The formation of membrane tubular invaginations by toxin proteins, spans the range from atomistic to macroscopic length scales, and cannot be captured by any single current computer simulation technique. A combination of all-atom molecular dynamics and Monte Carlo simulations is used to link the toxin-membrane binding dynamics to membrane tube formation.

As featured in:



See J. H. Ipsen et al.,
Soft Matter, 2016, 12, 5164.