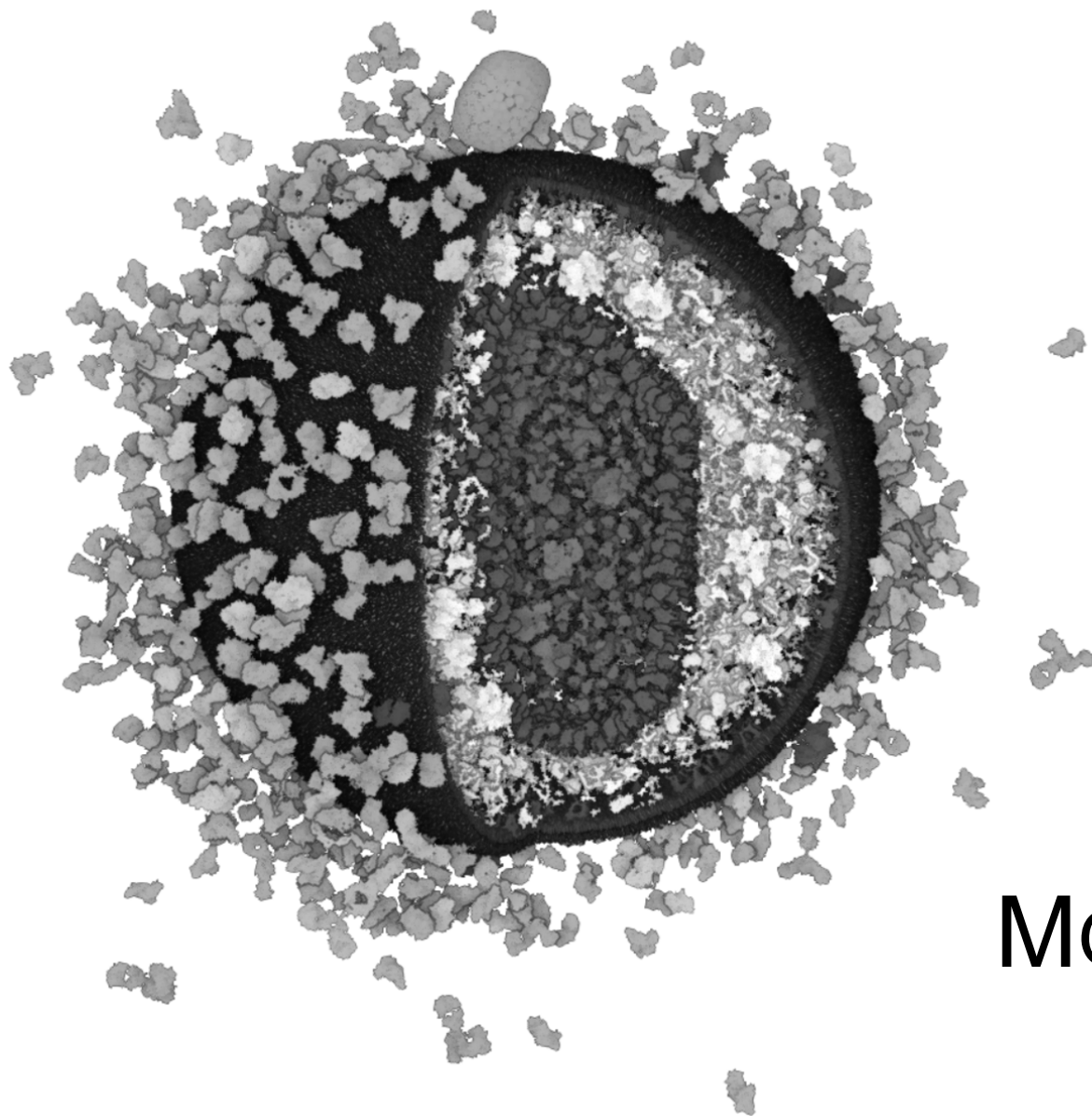
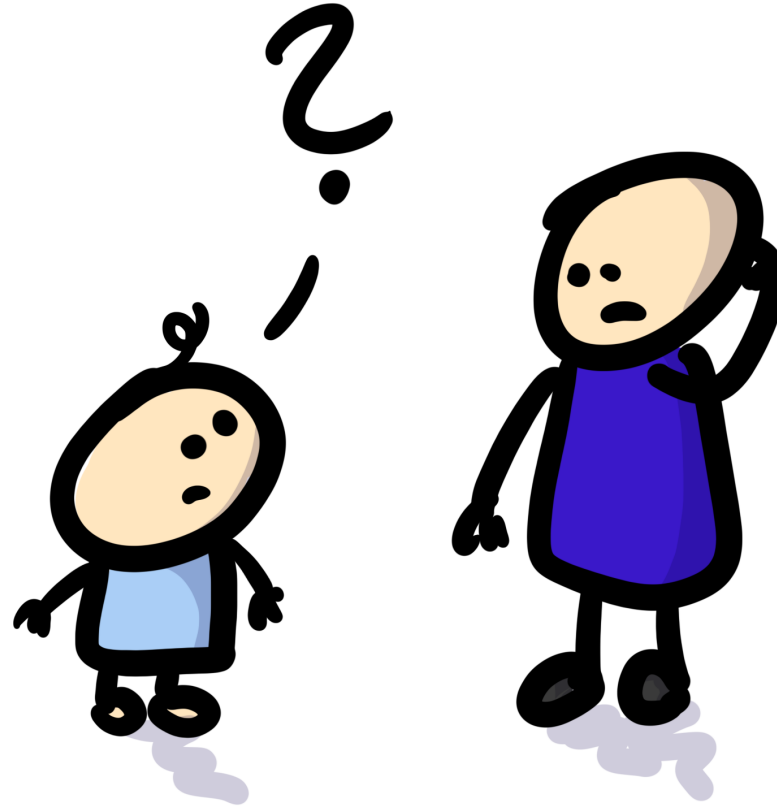




MOLECULAR VISUALIZATION

PETER MINDEK







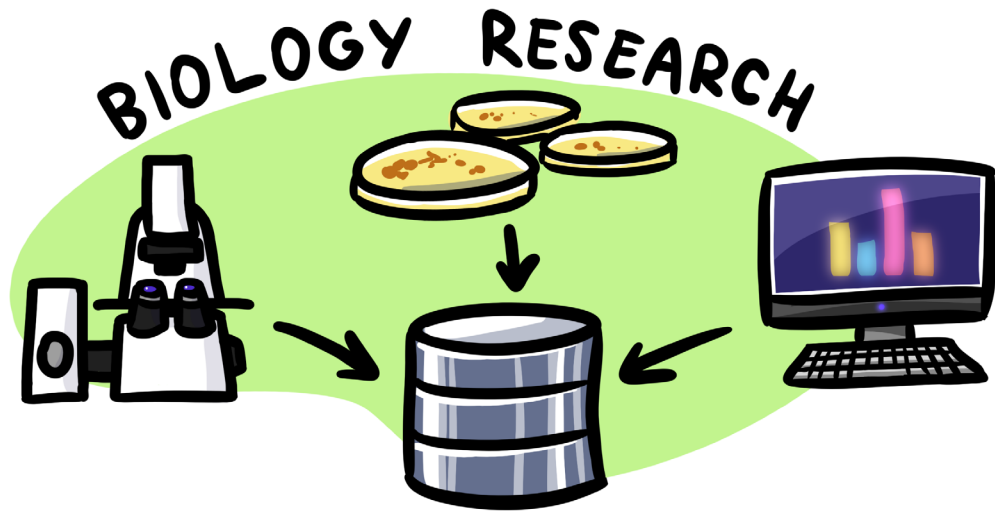




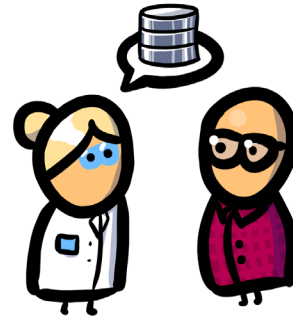
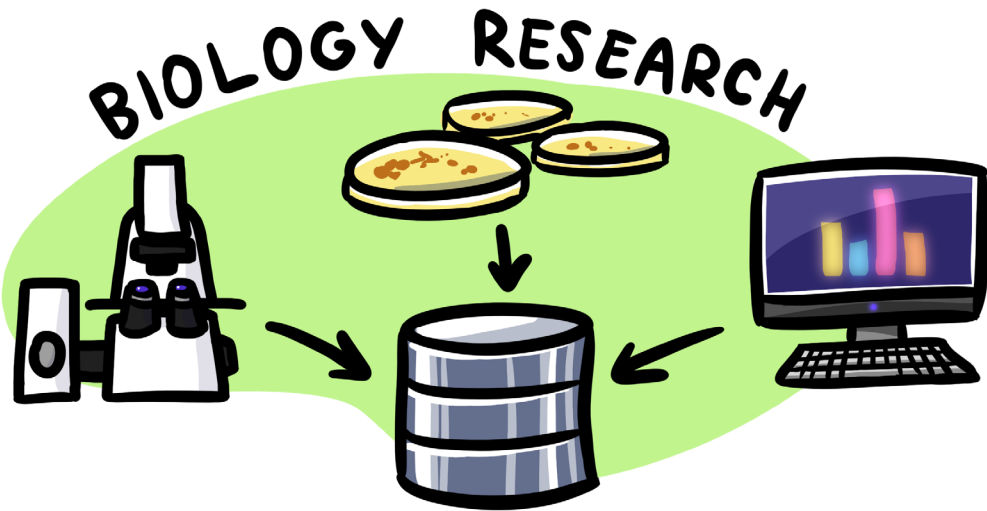




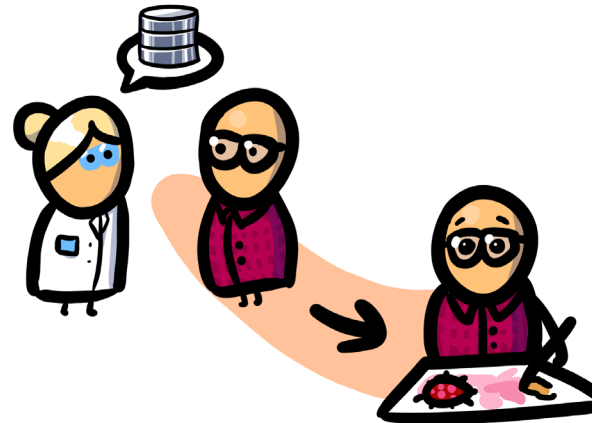
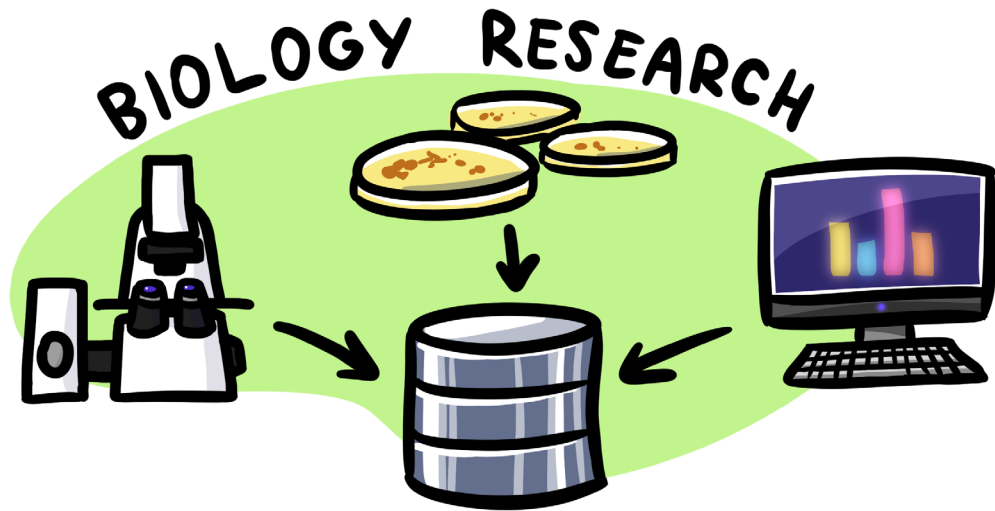
Traditional Approach



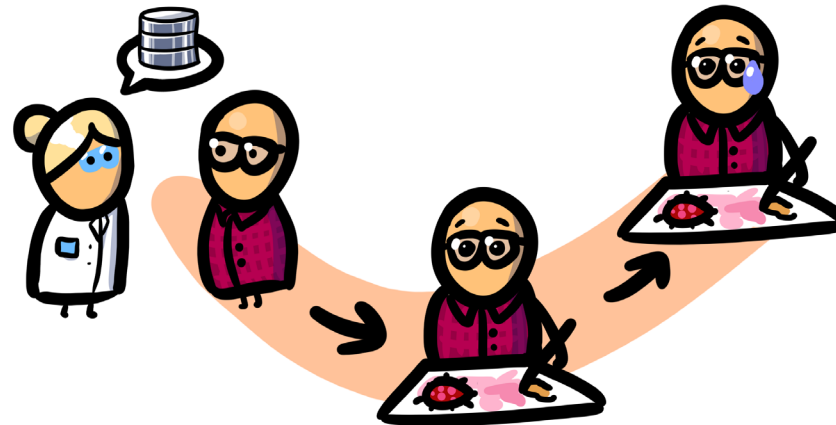
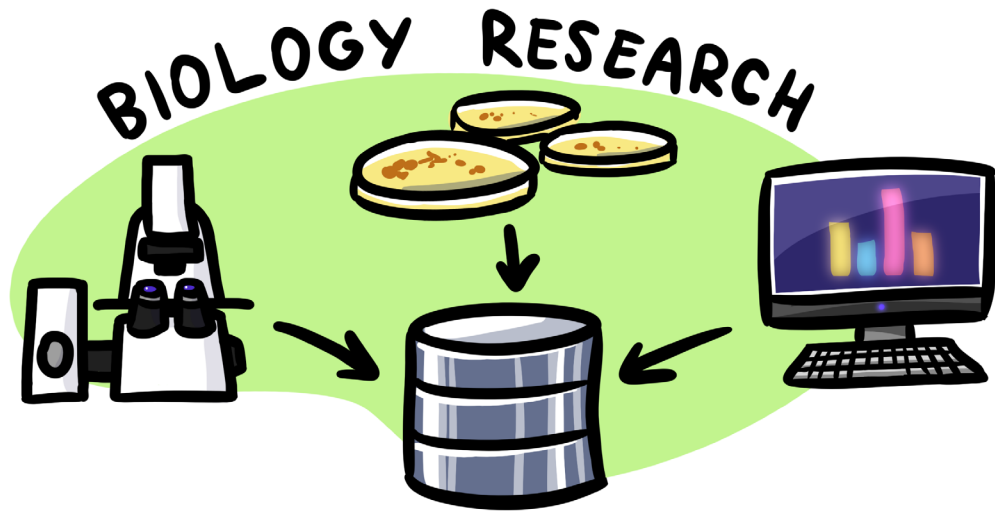
Traditional Approach



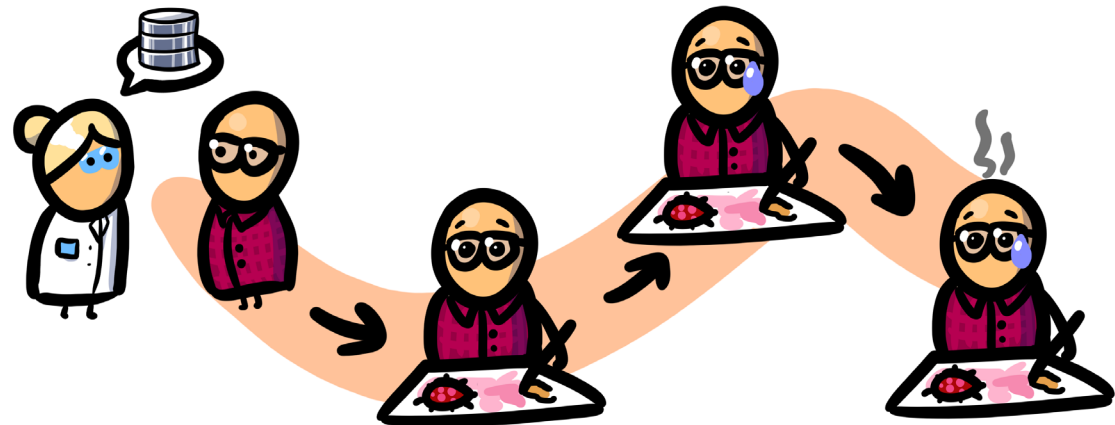
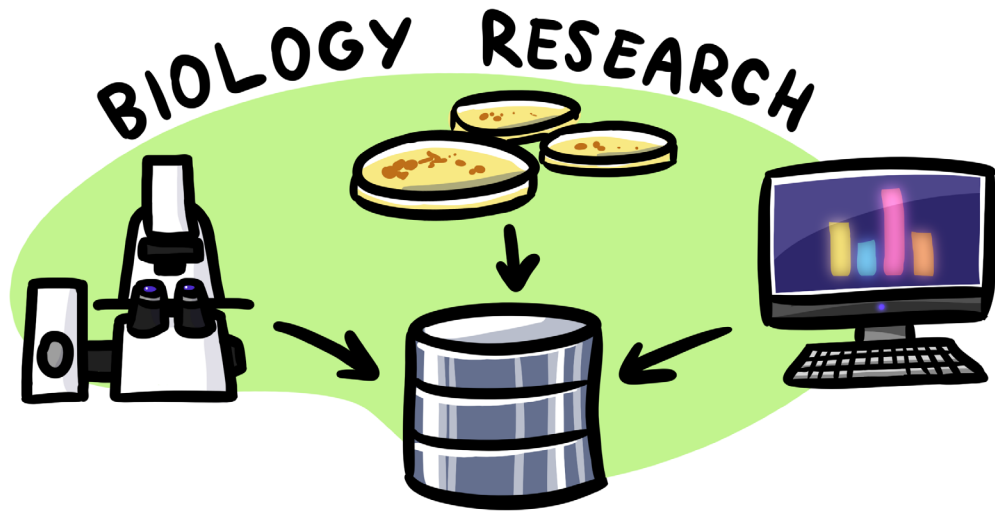
Traditional Approach



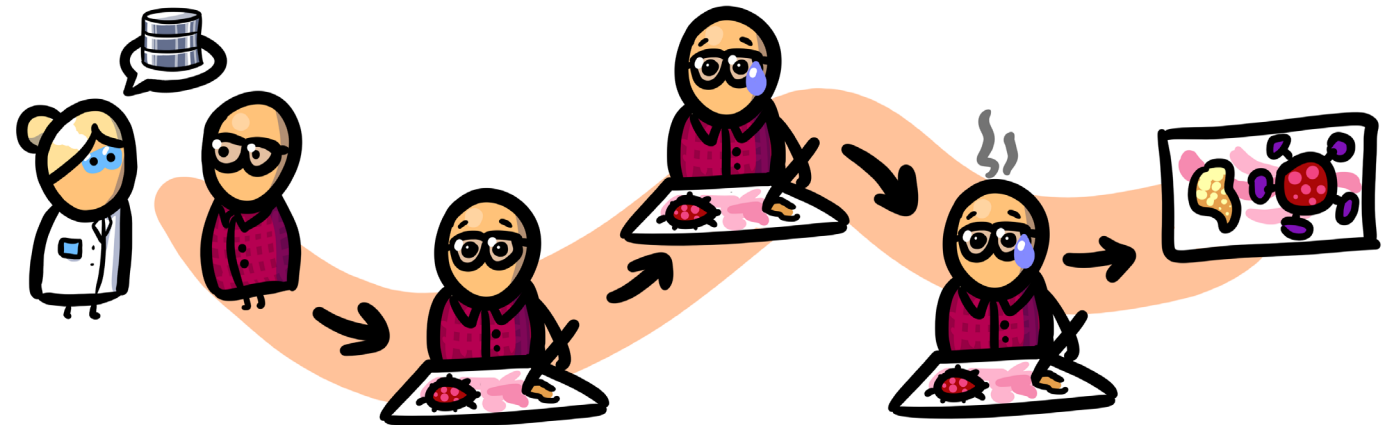
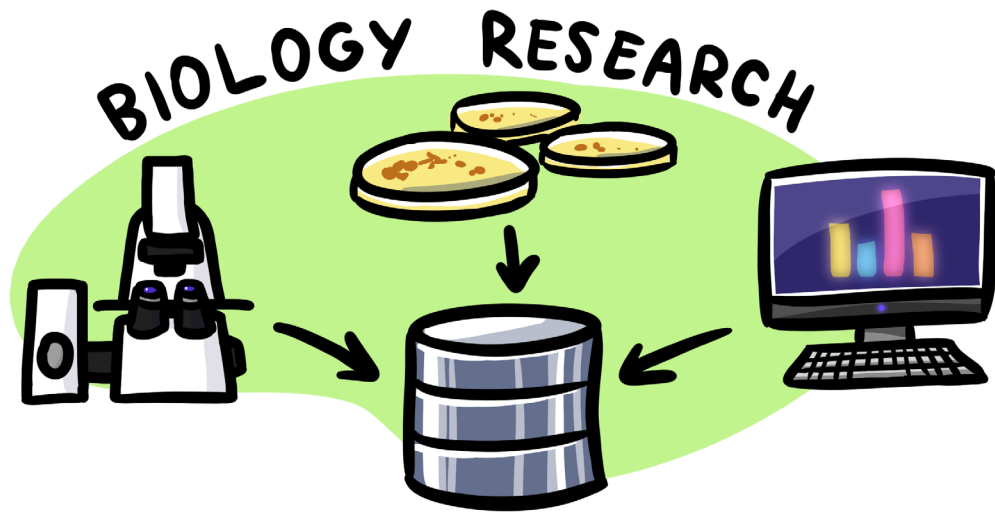
Traditional Approach



Traditional Approach



Traditional Approach





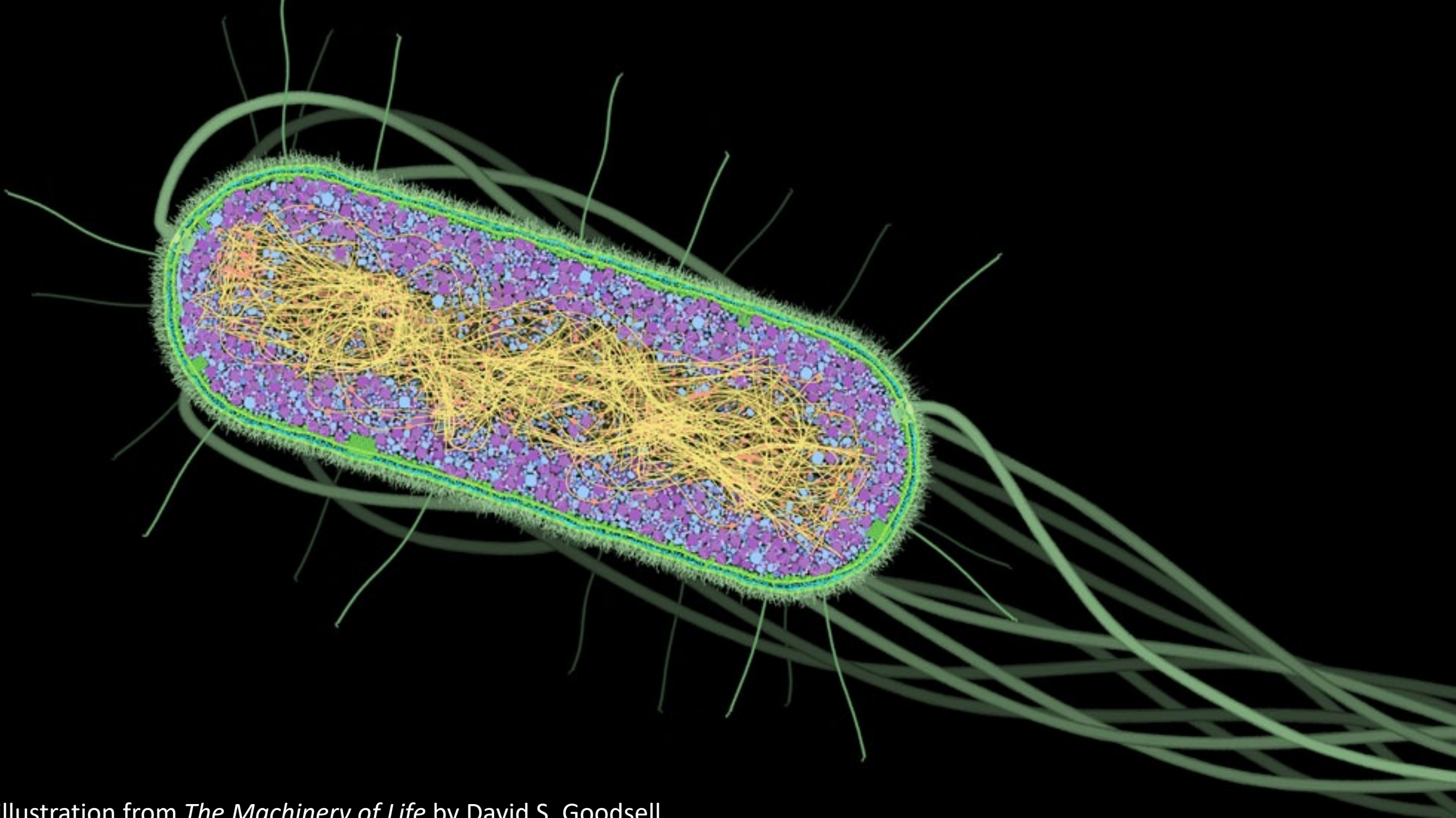
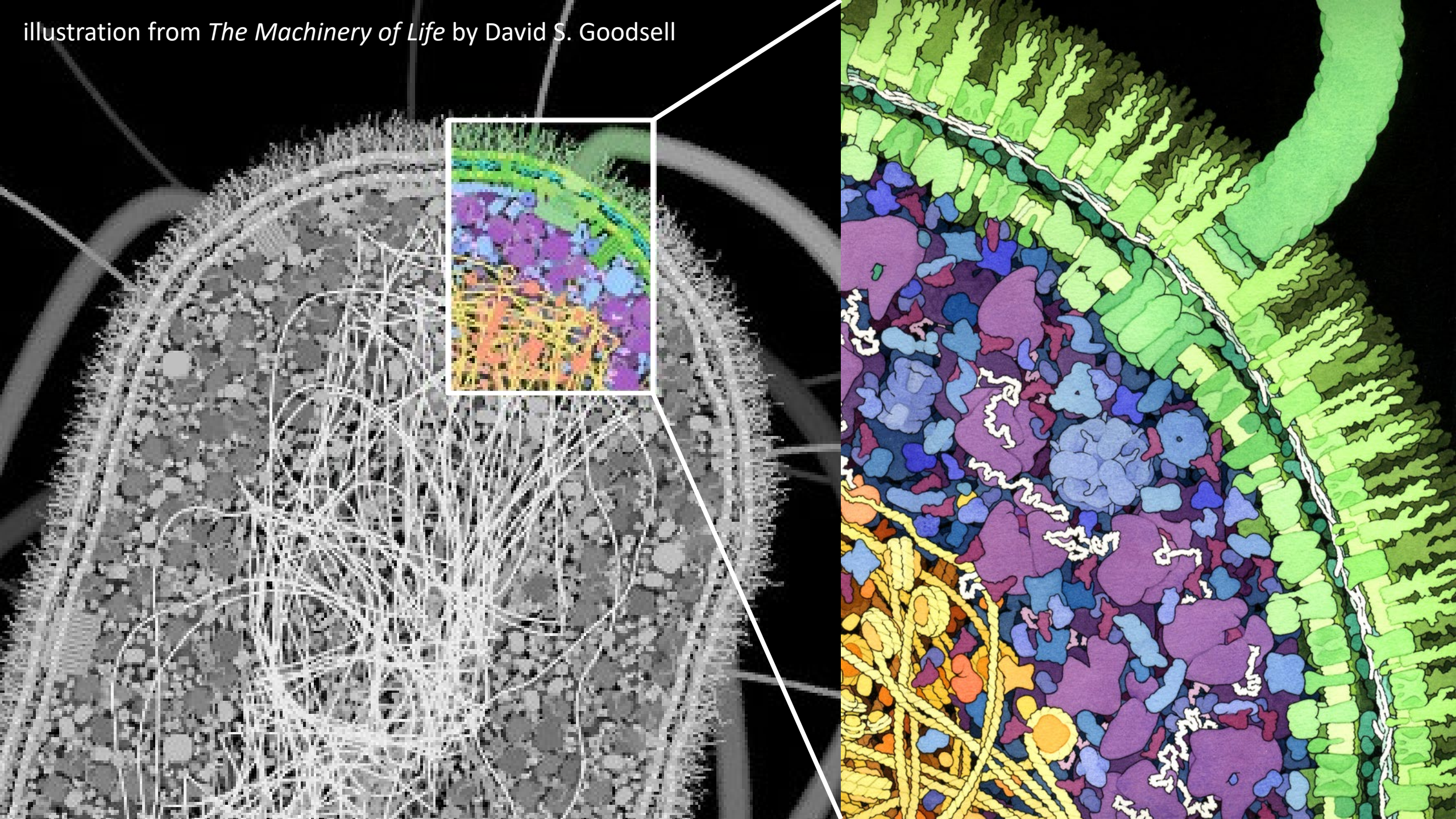


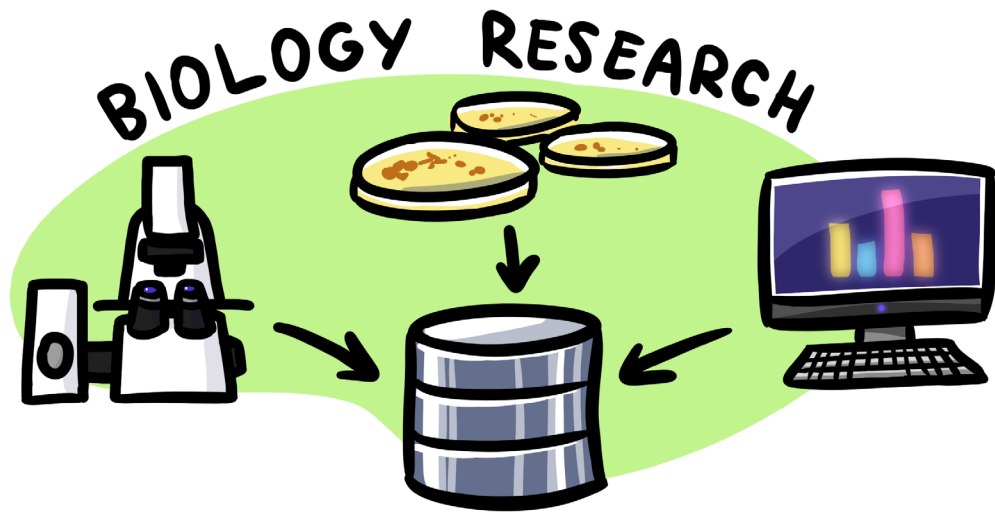
illustration from *The Machinery of Life* by David S. Goodsell

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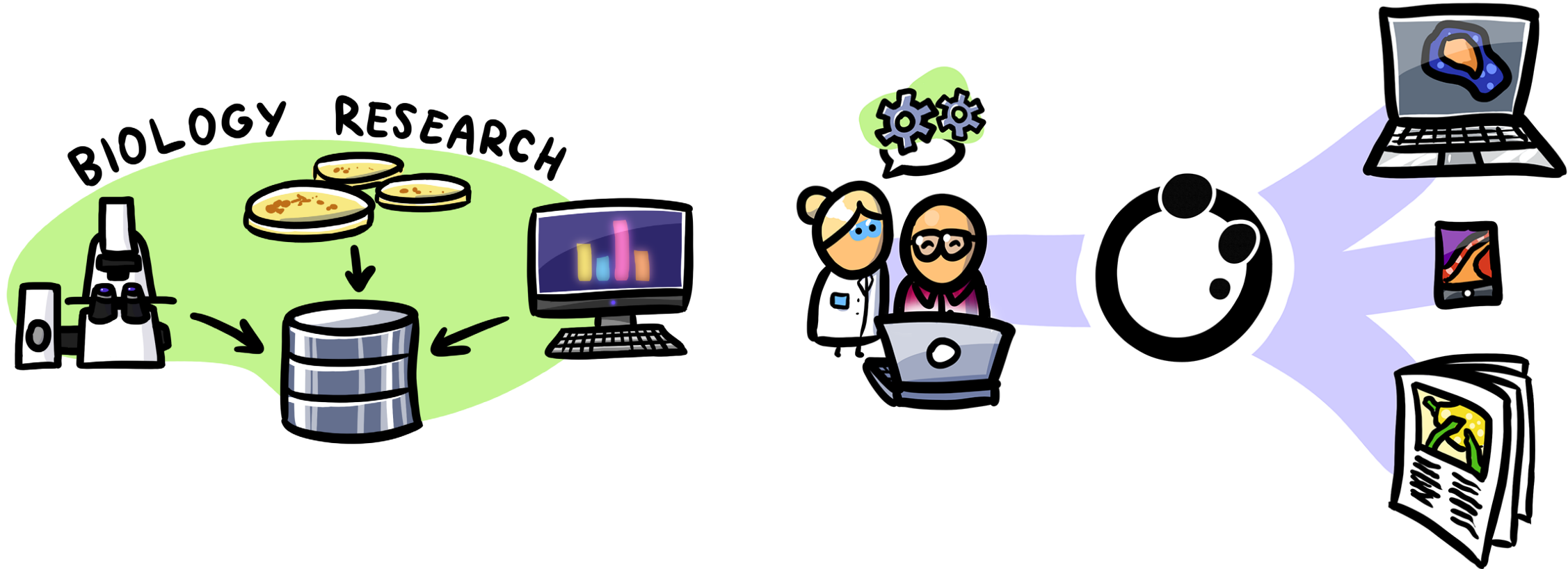


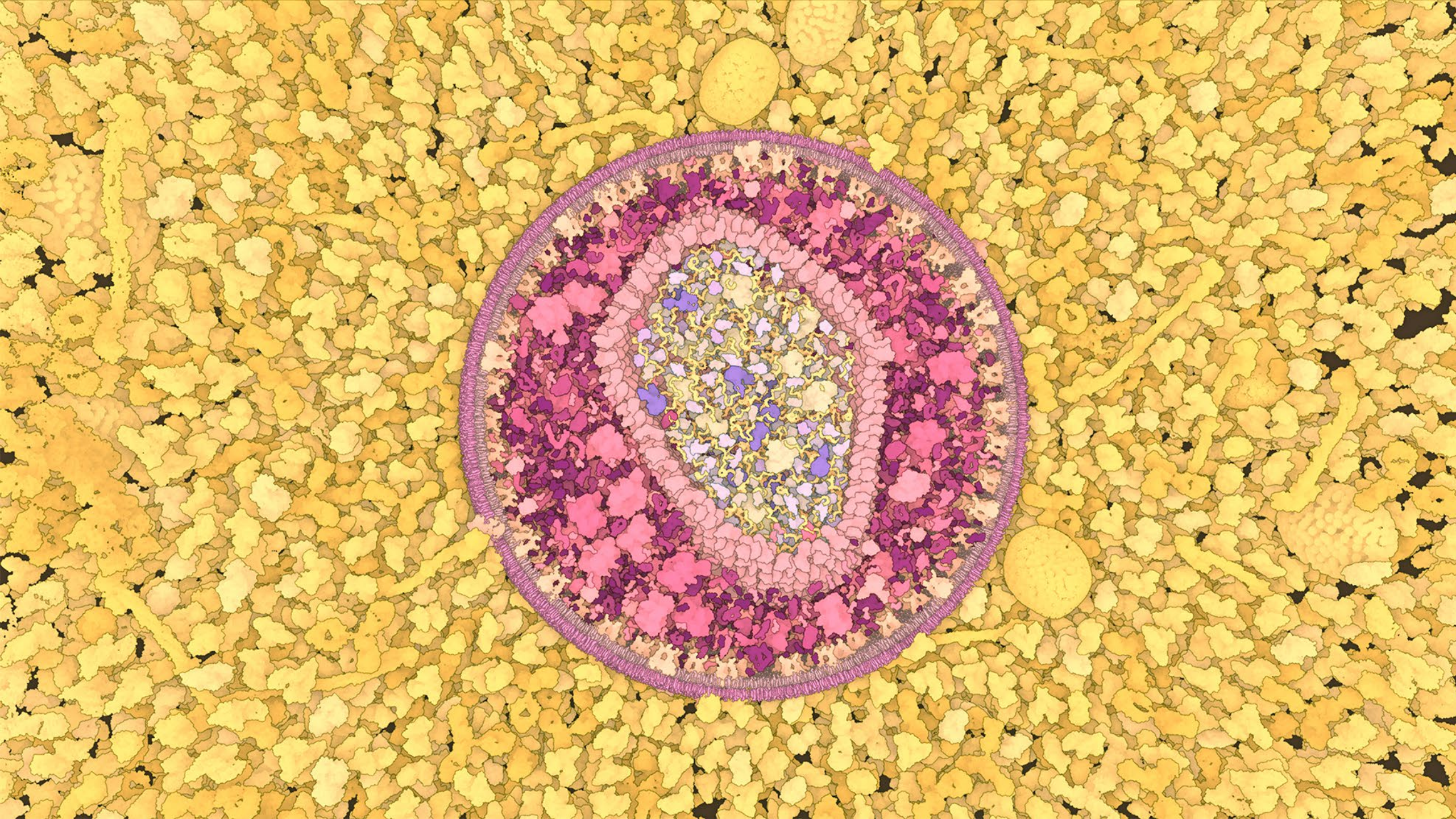


Our Approach

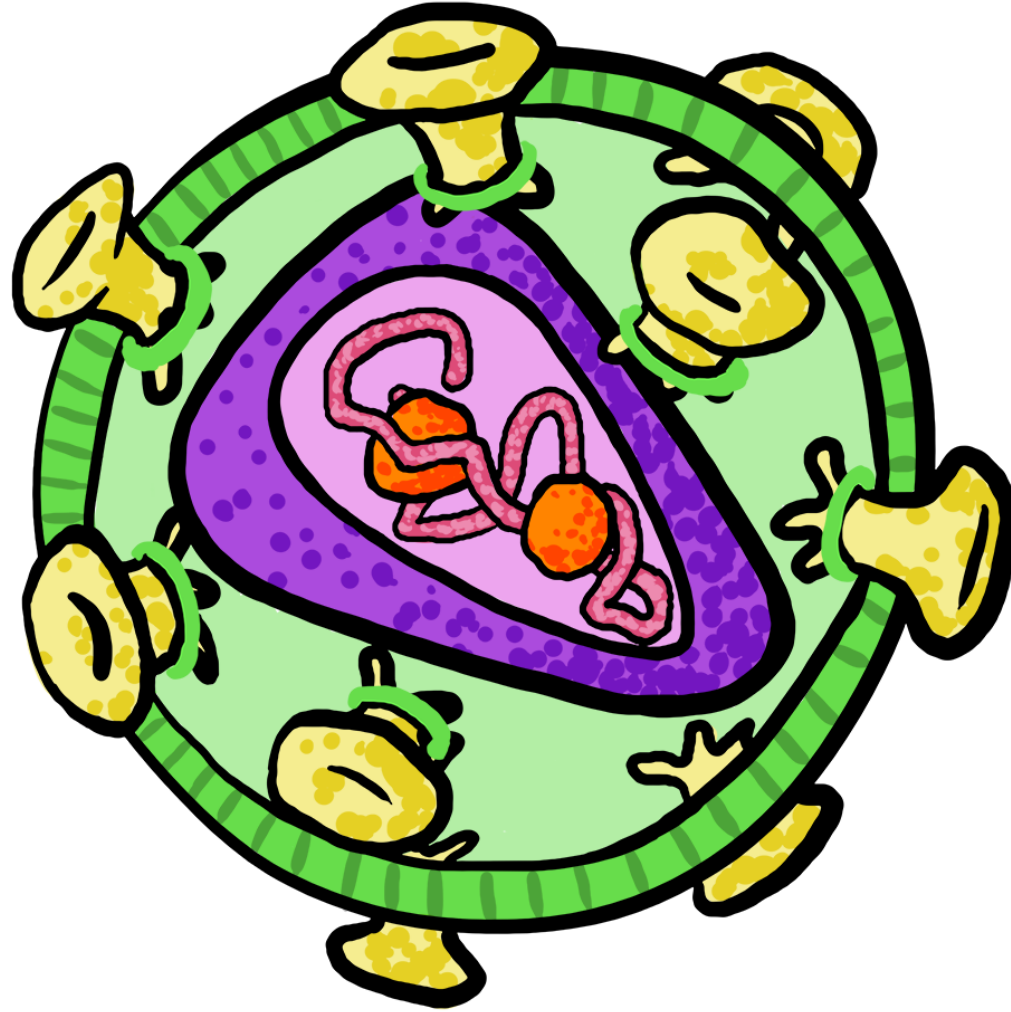


Our Approach

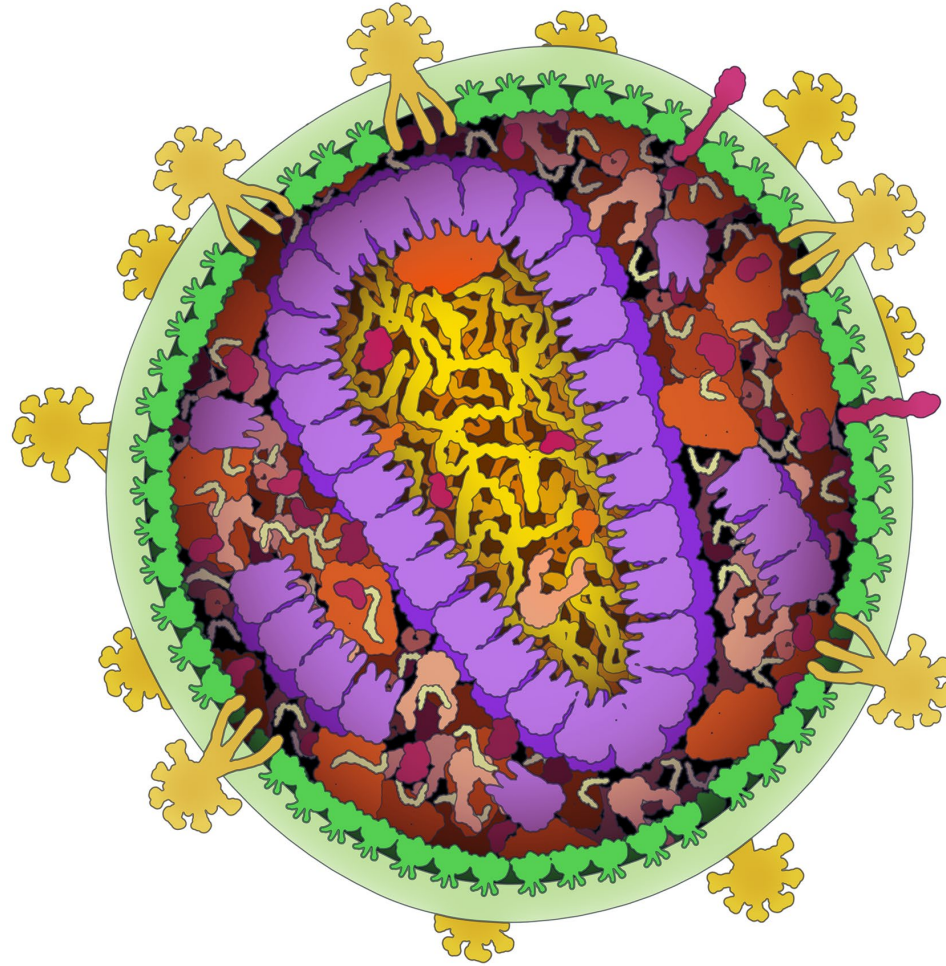




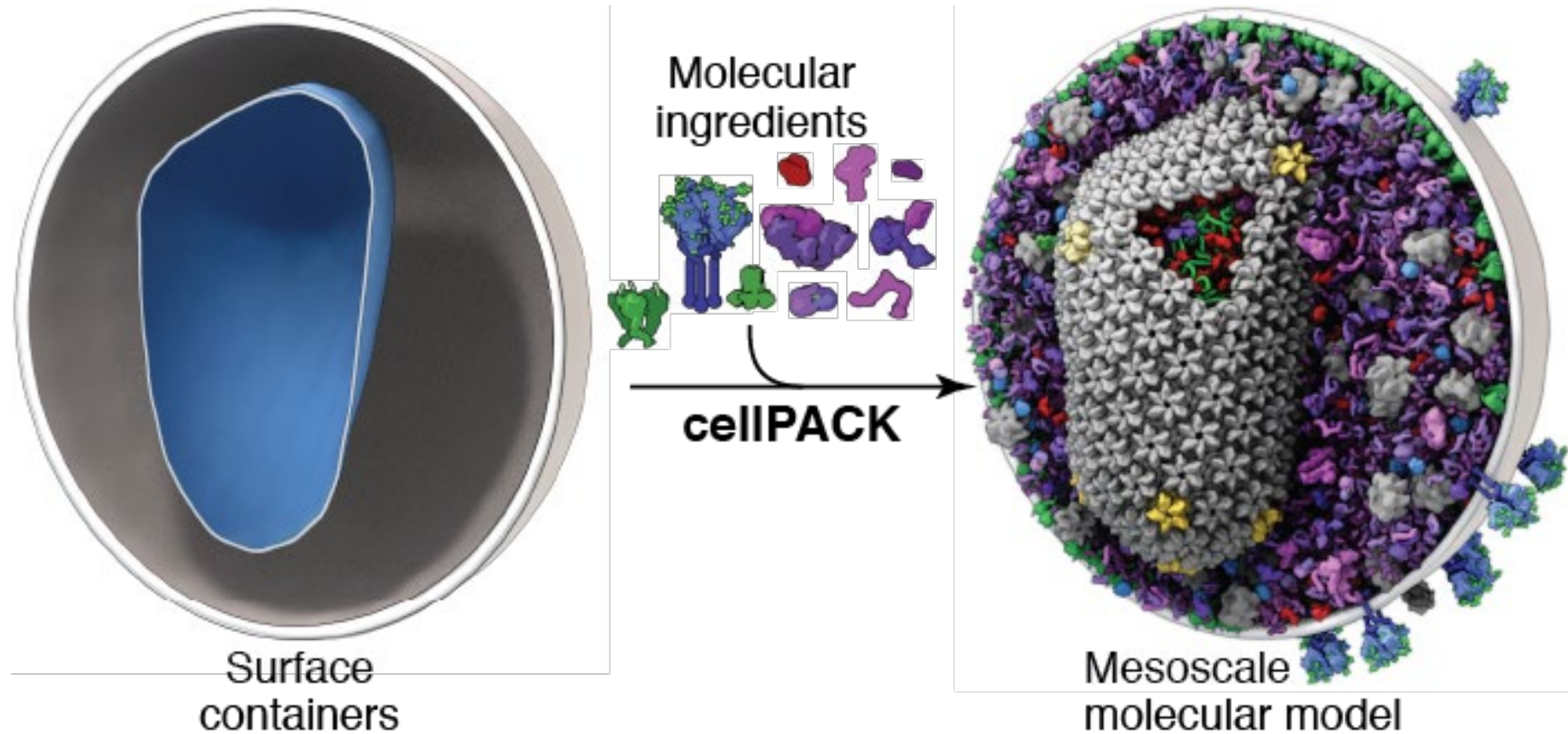
showing viruses



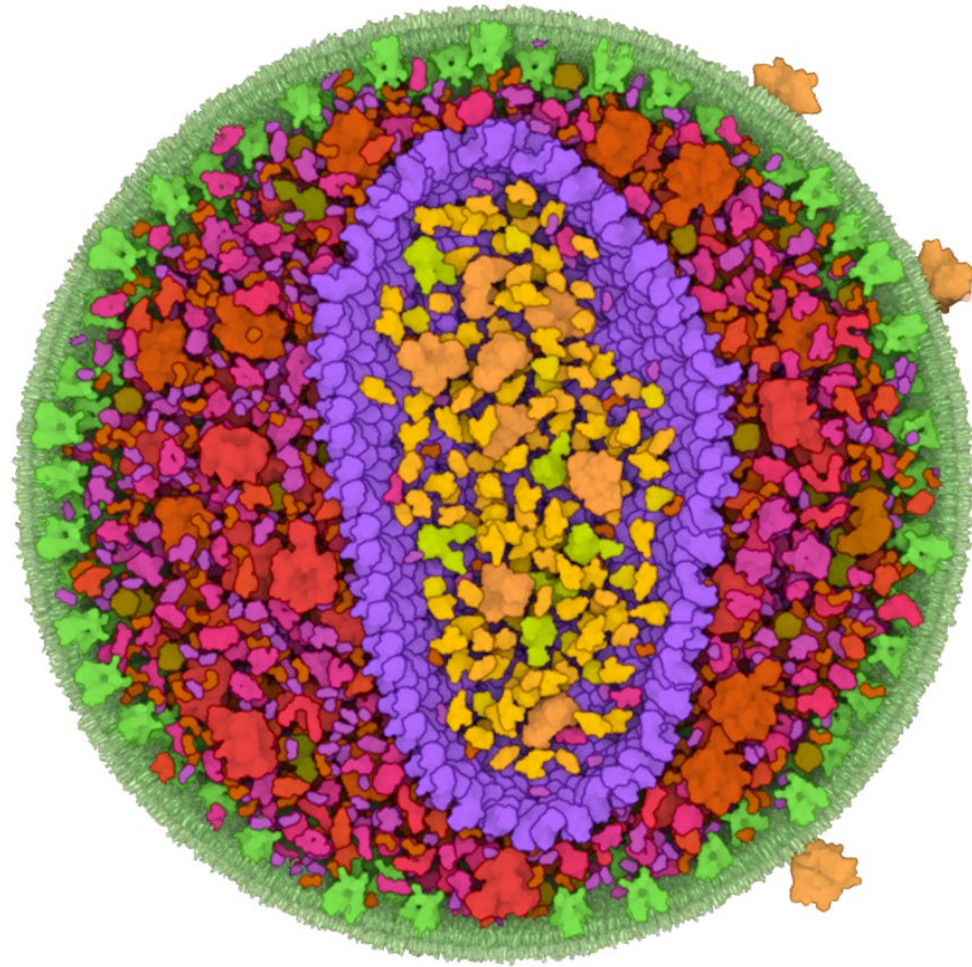


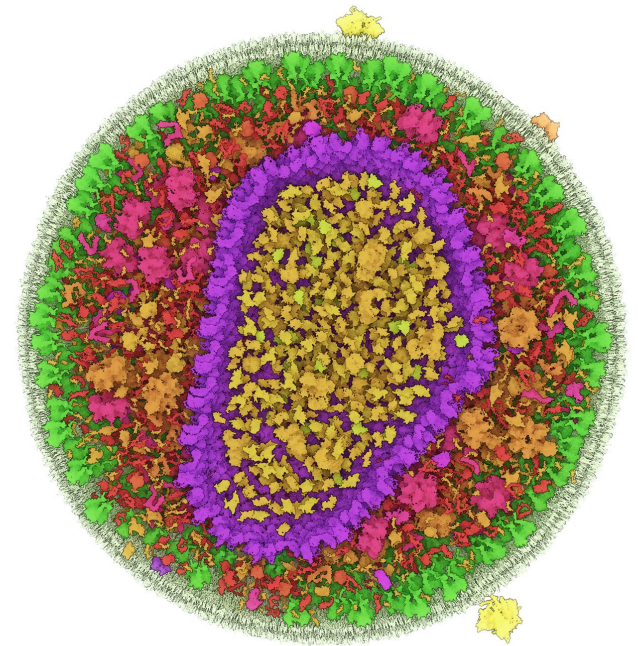
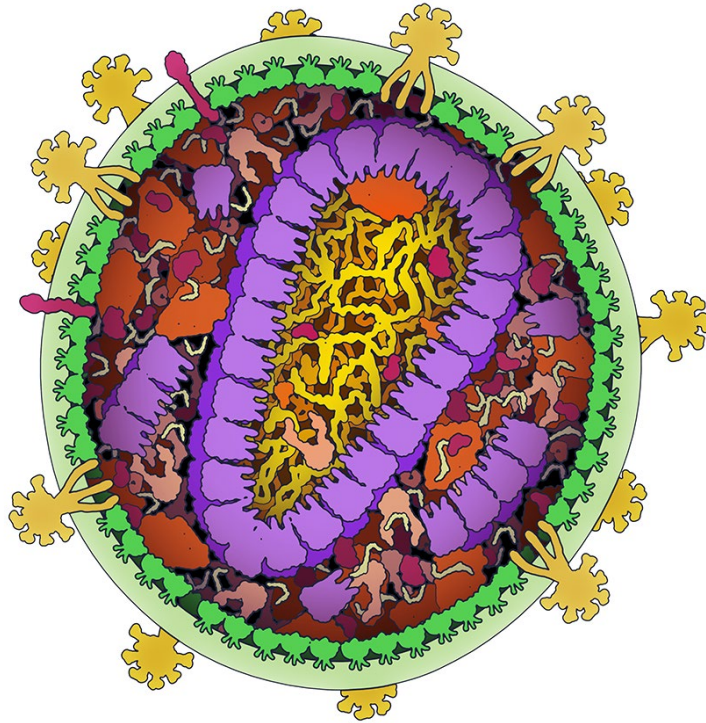


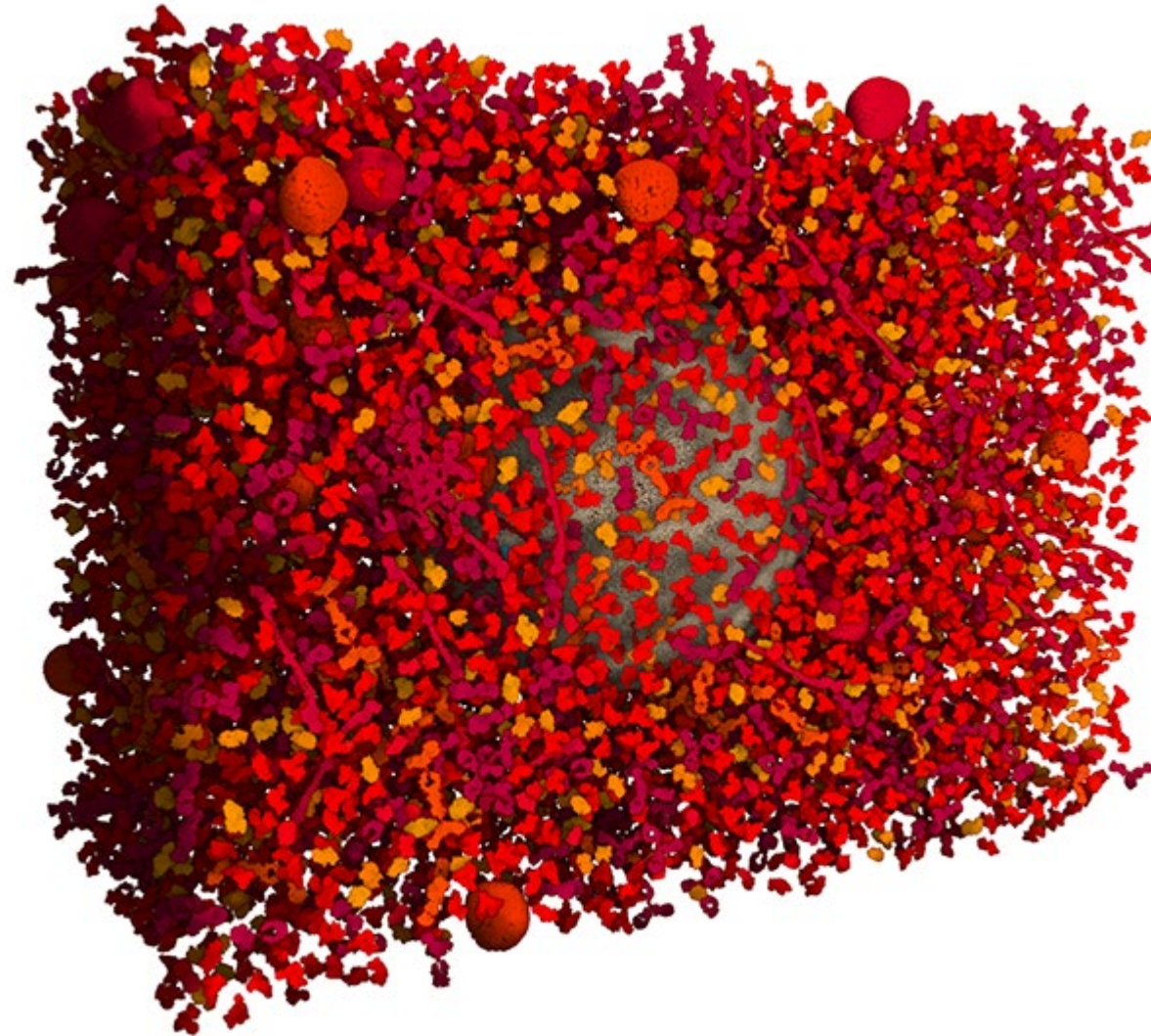
Building Molecular Models



<http://www.cellpack.org/>

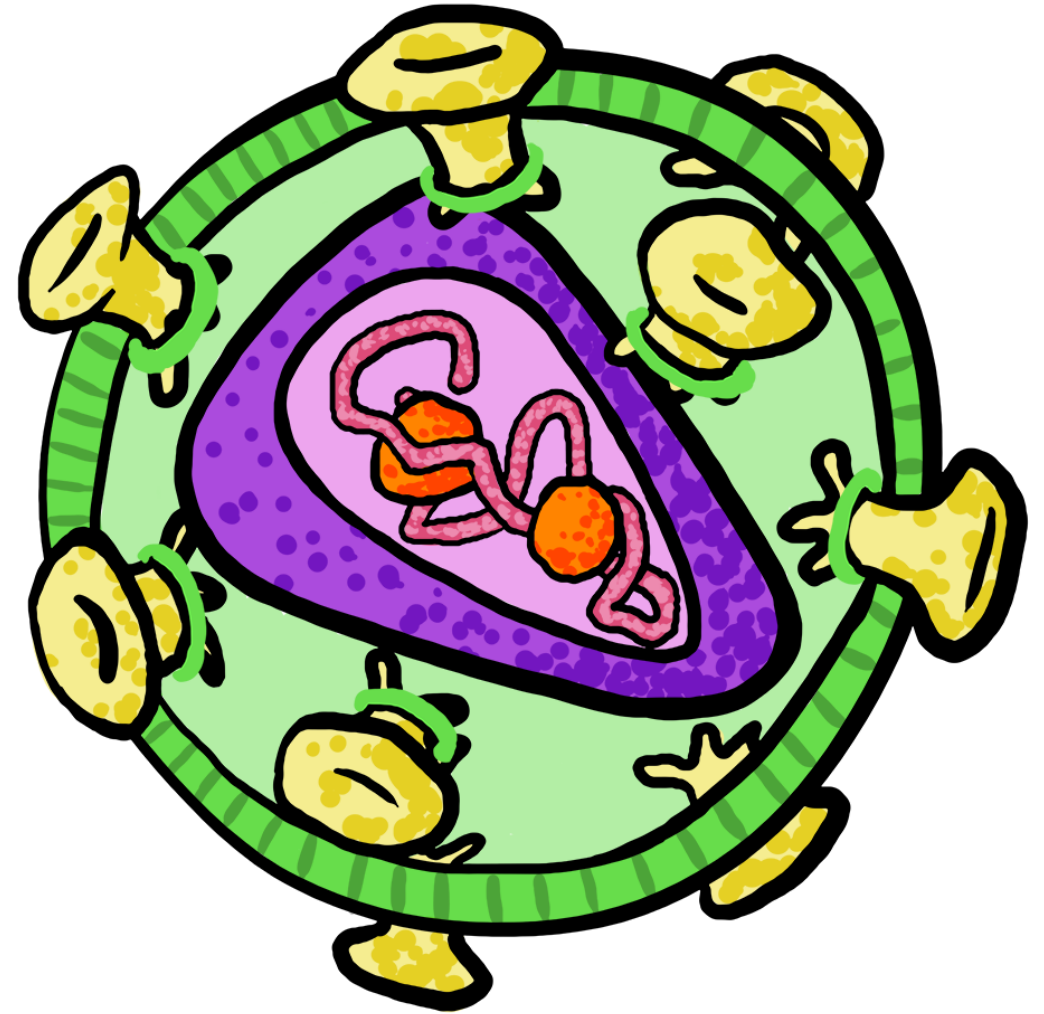




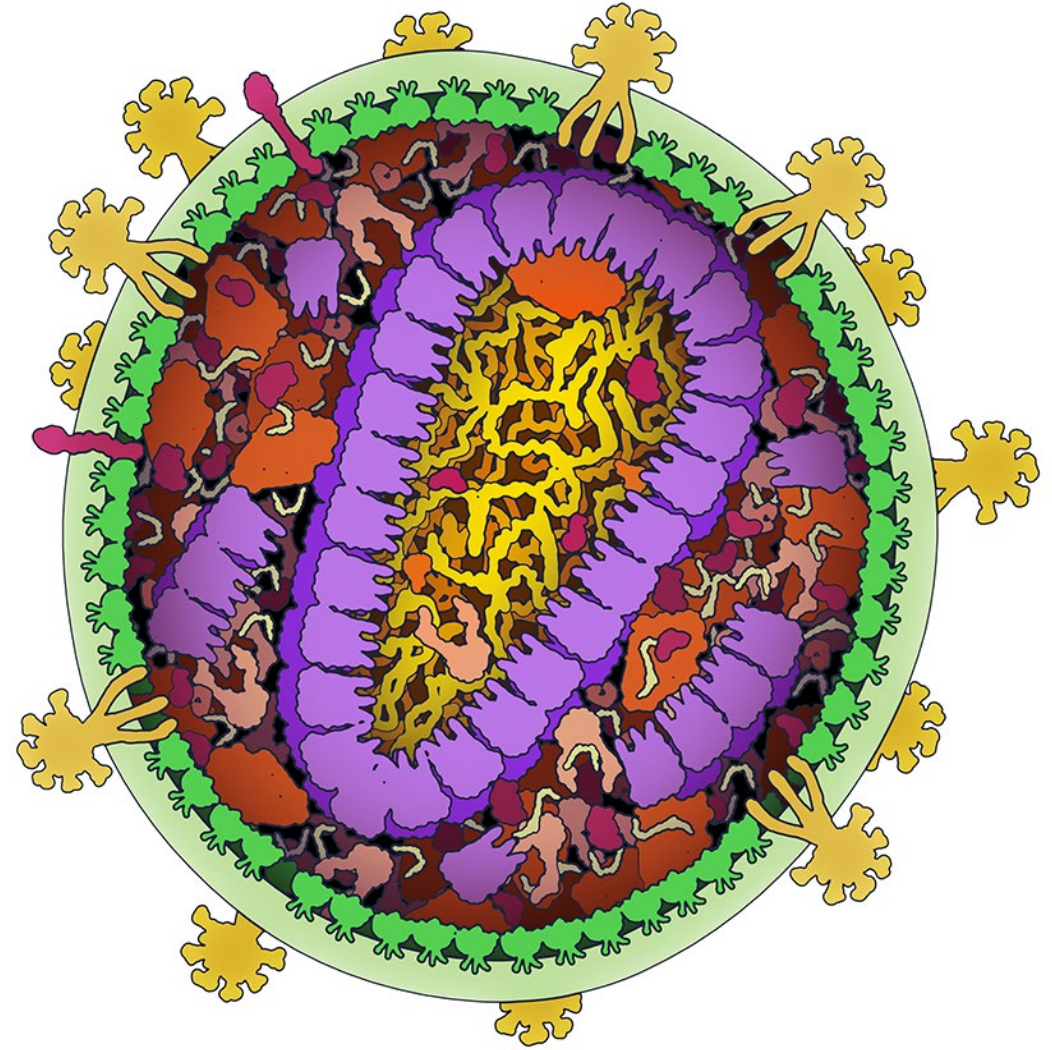




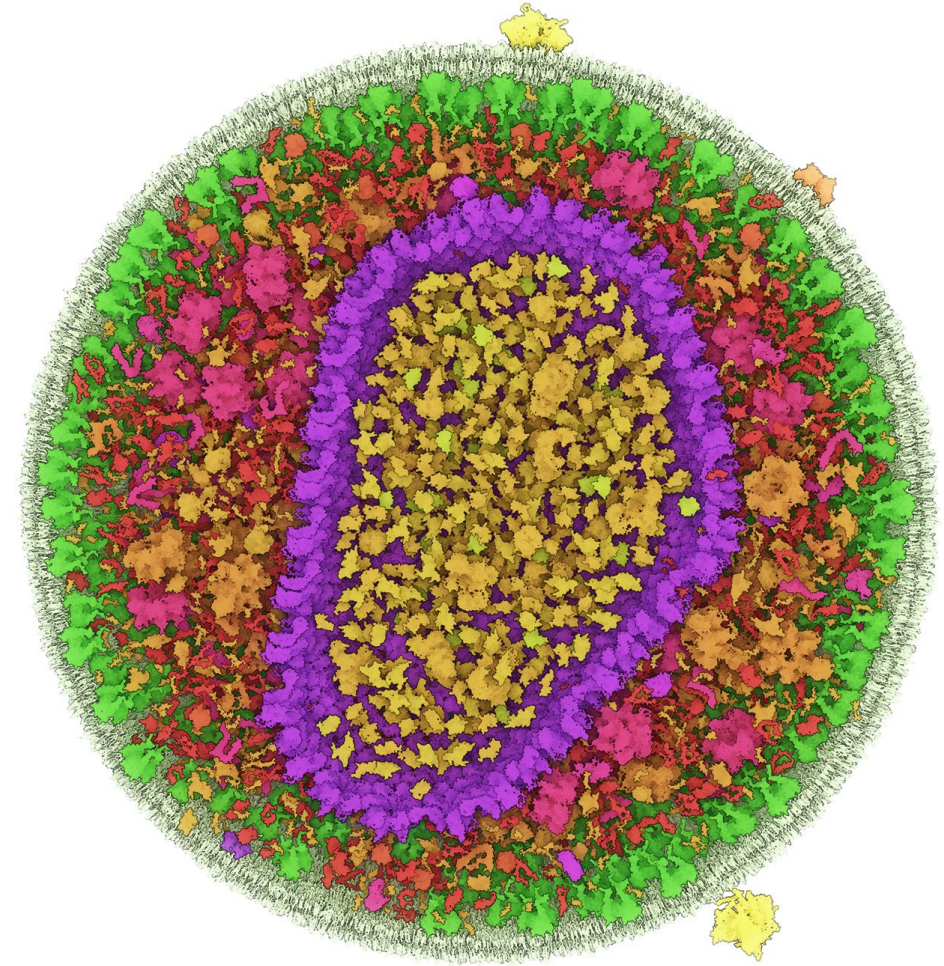
Cutaway Views

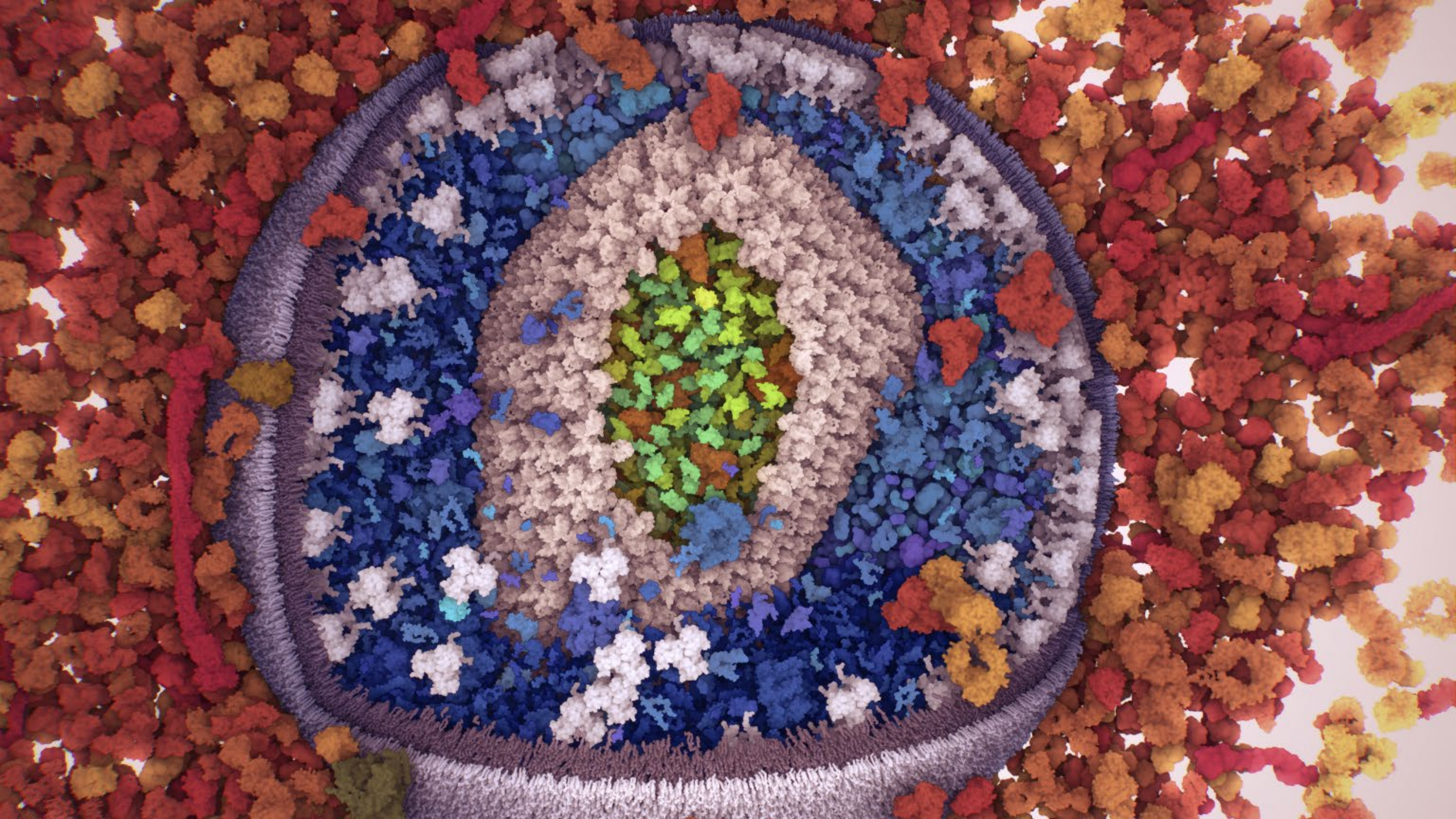


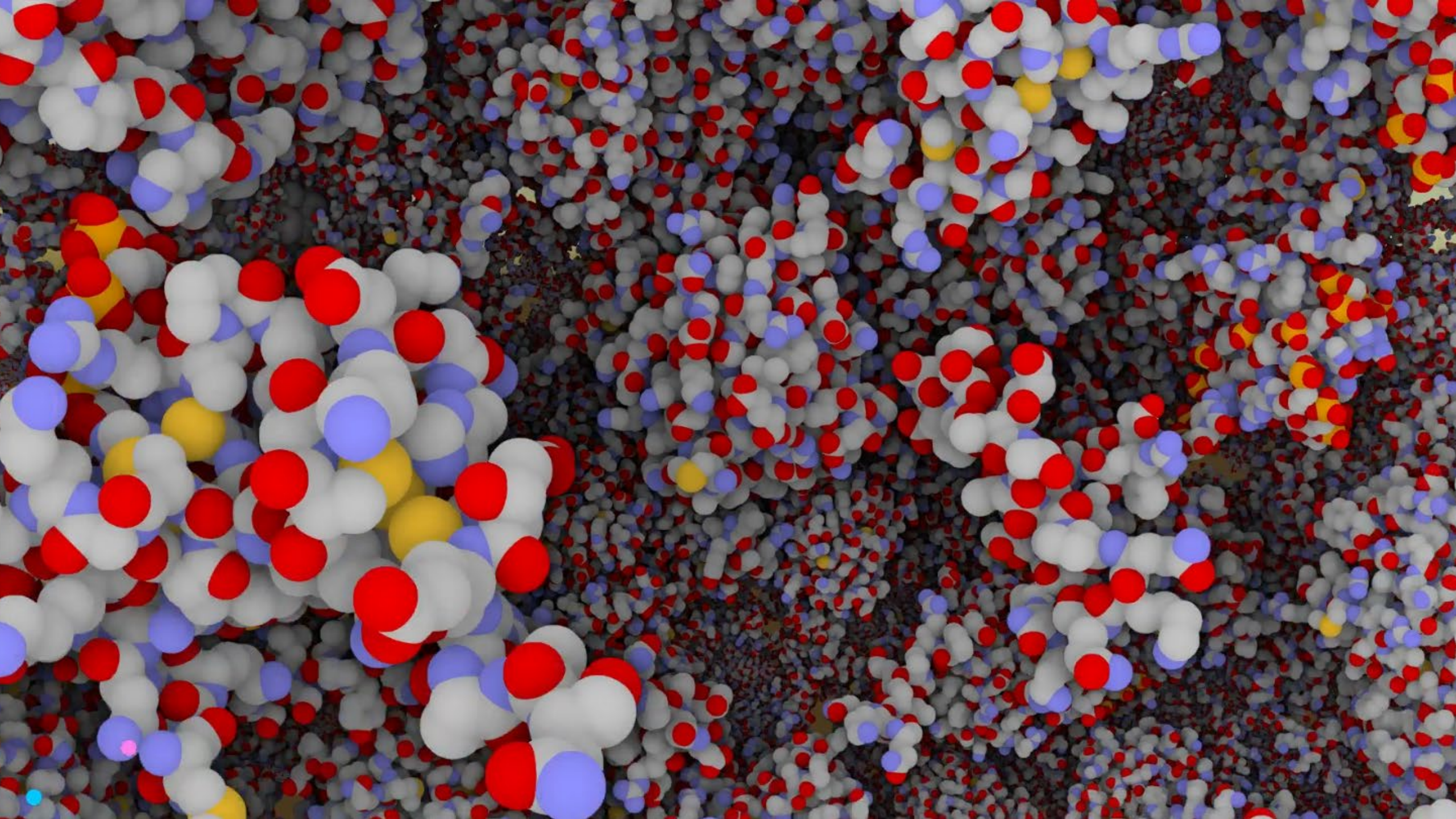
Which of these proteins are visible?

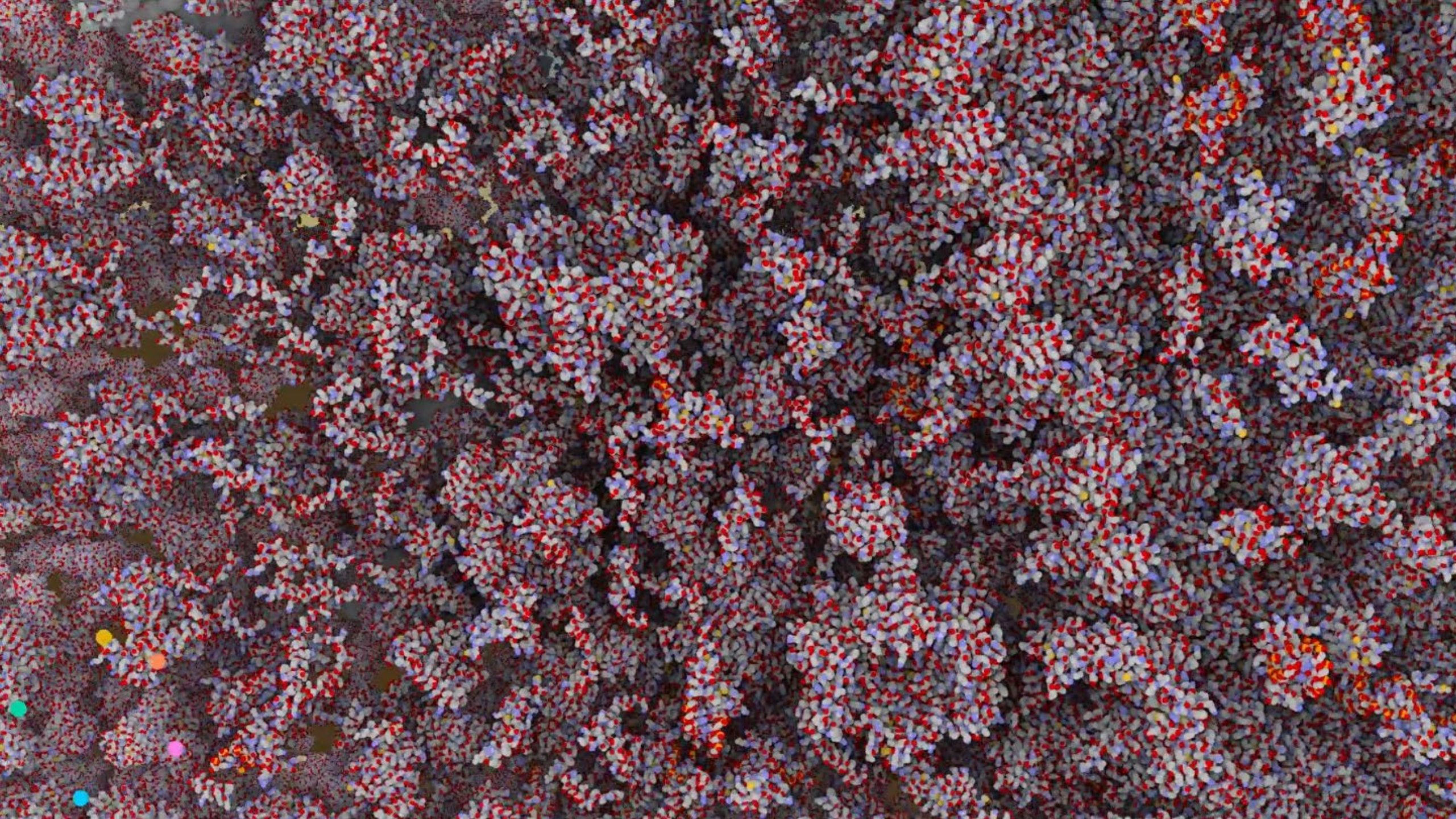


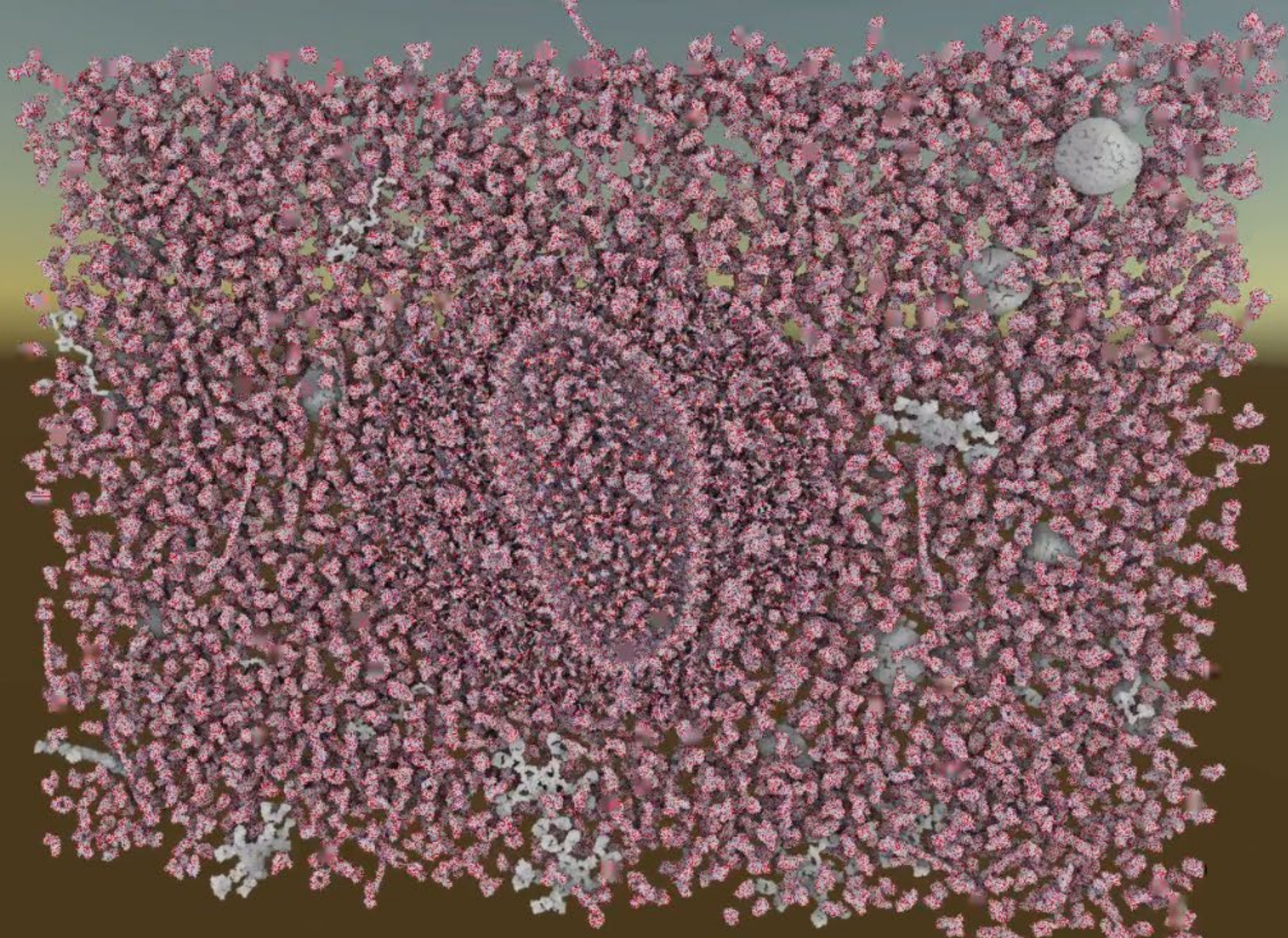
Which of these proteins are visible?

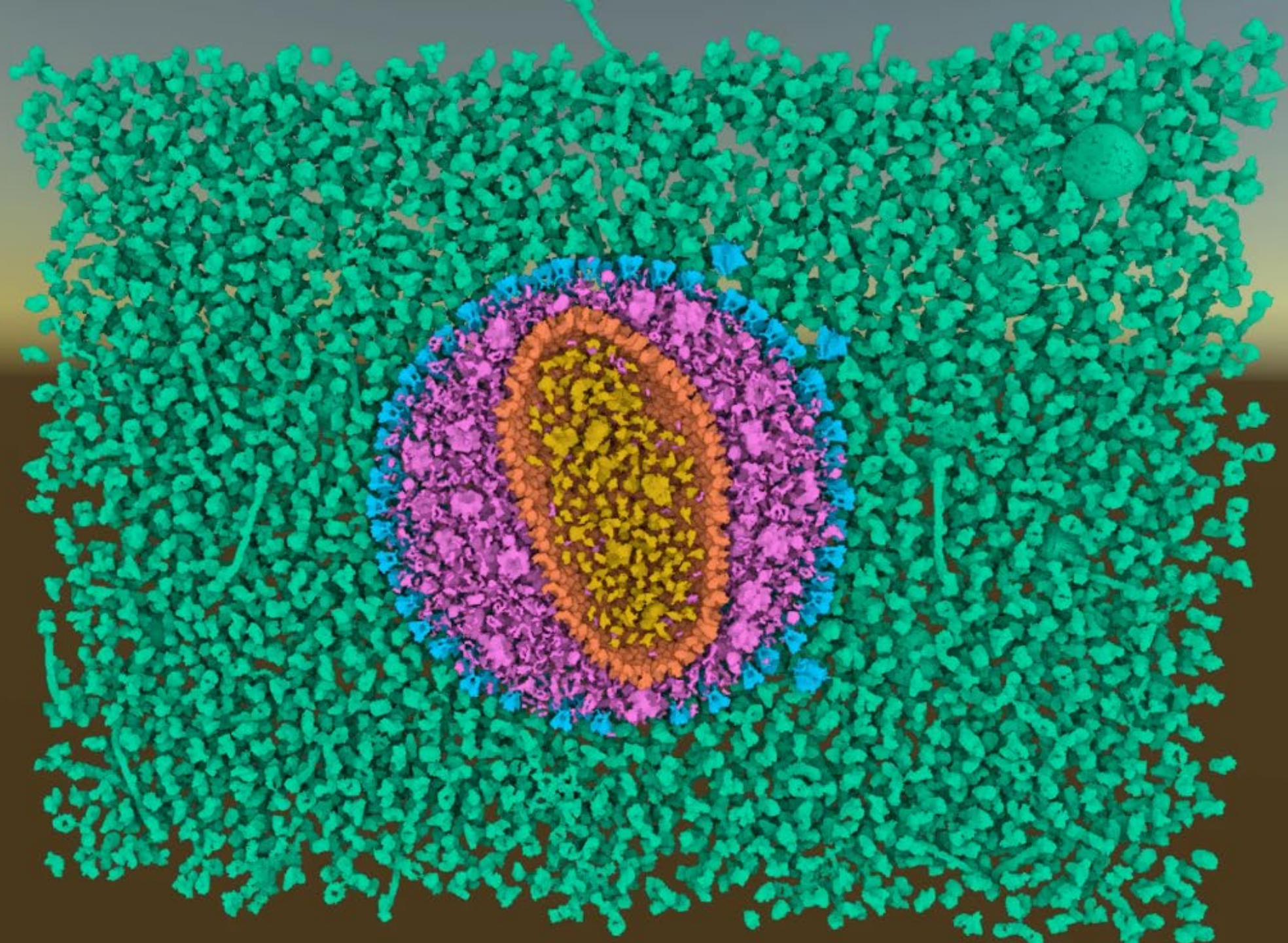


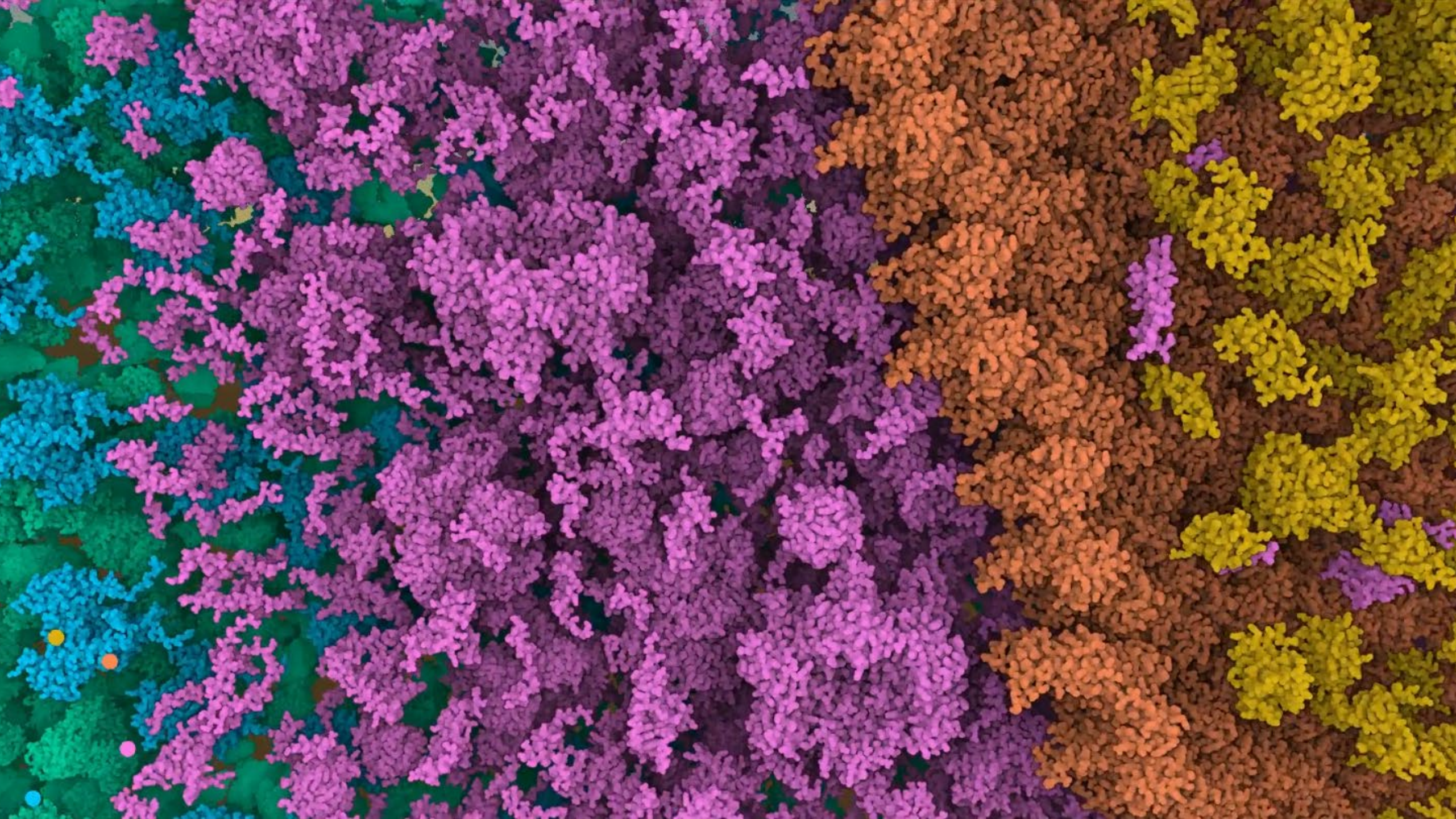


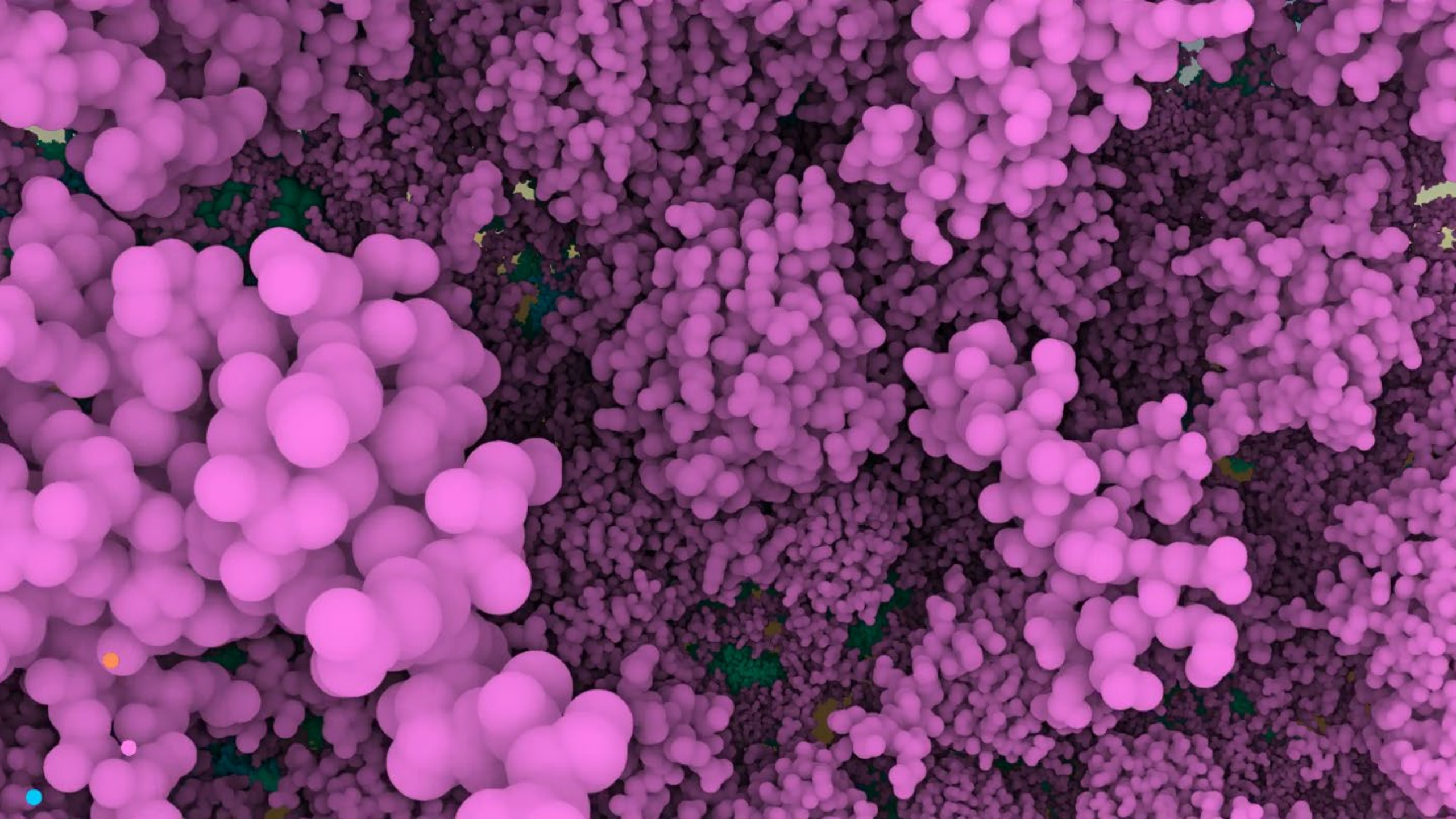


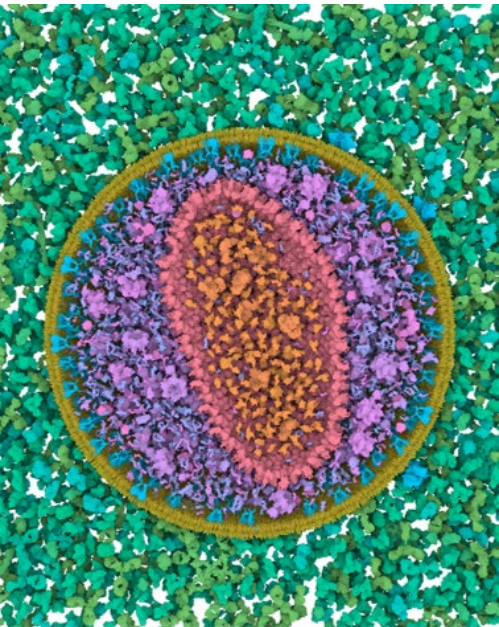






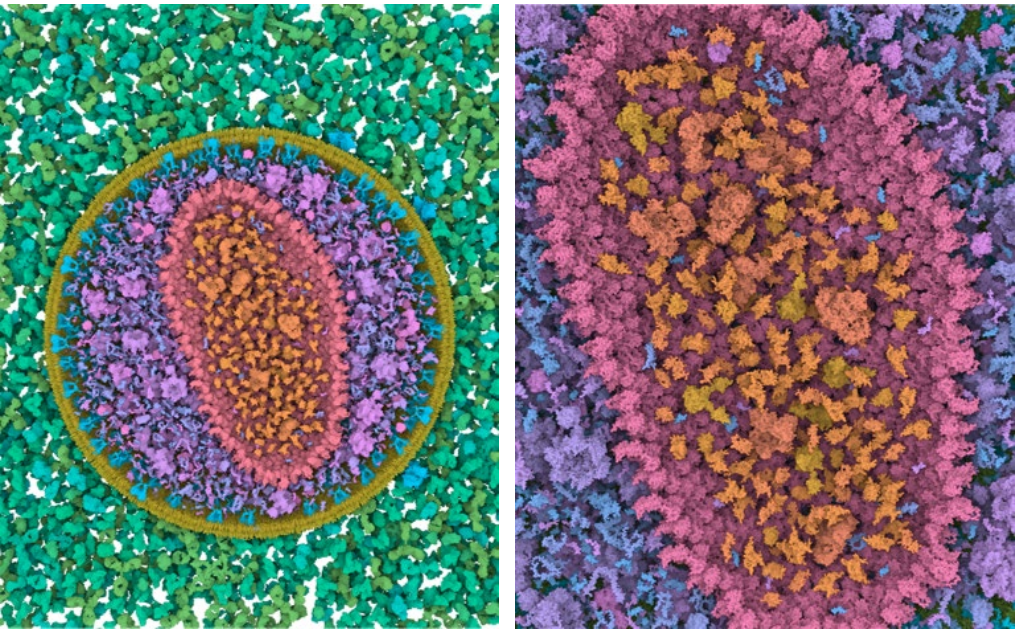






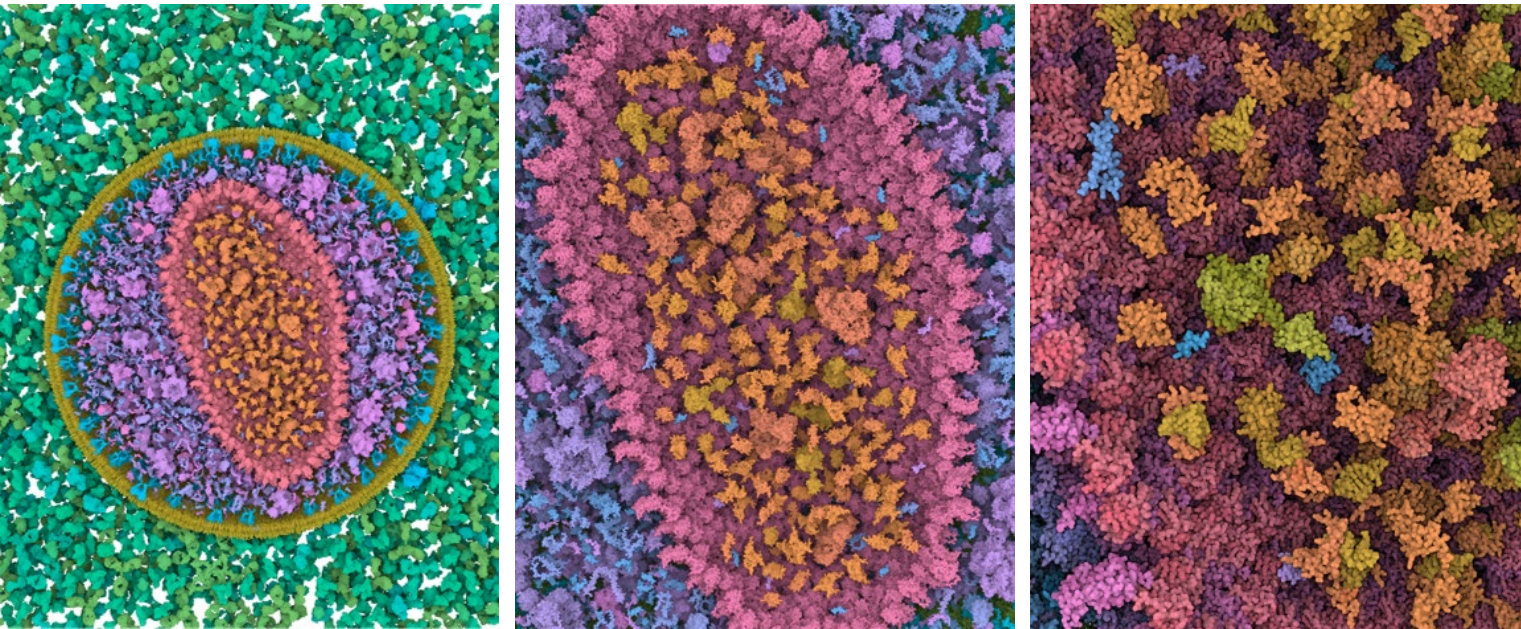
Waldin et al. (2016)

Colors in Molecular Visualization



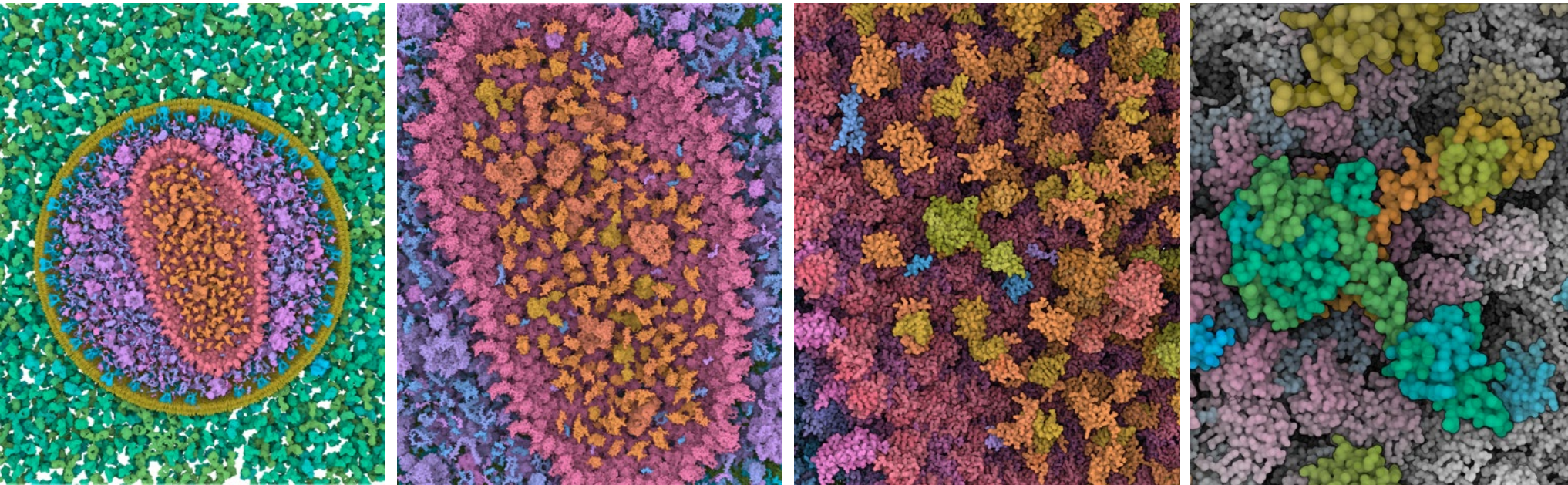
Waldin et al. (2016)

Colors in Molecular Visualization



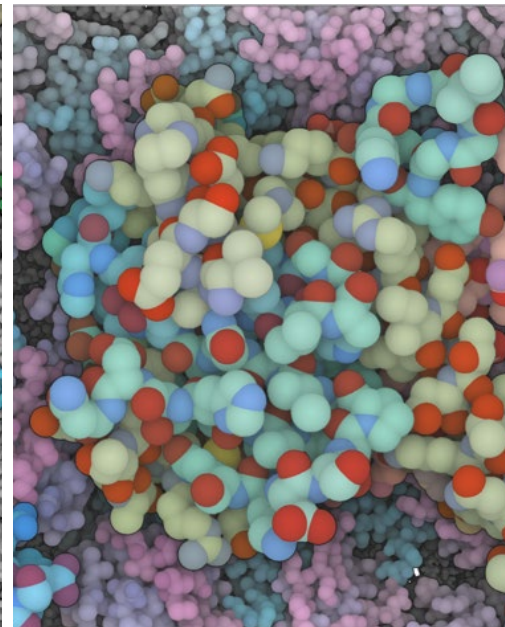
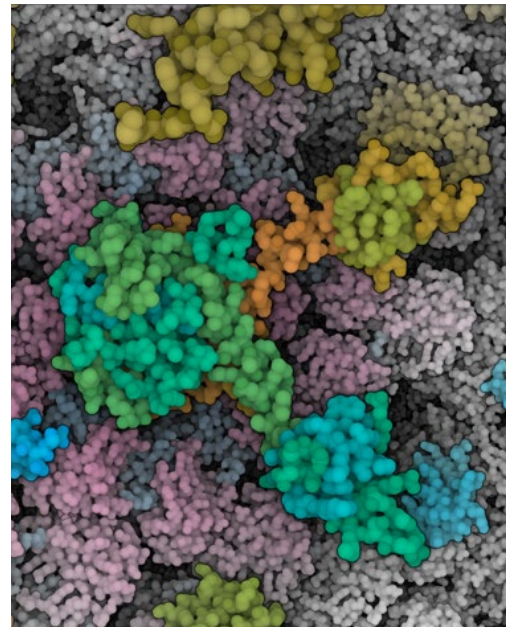
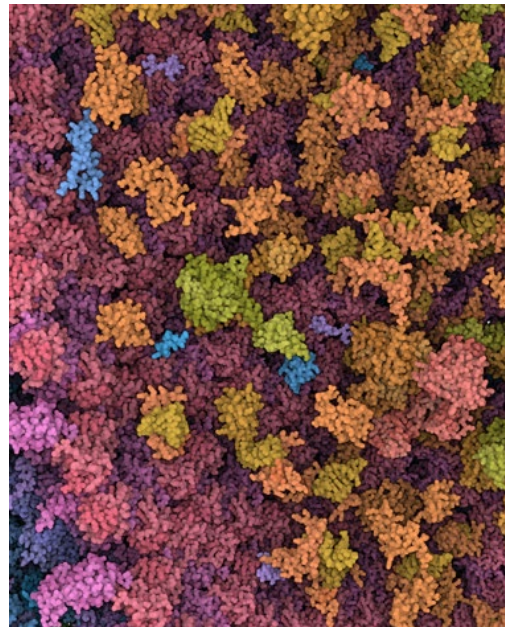
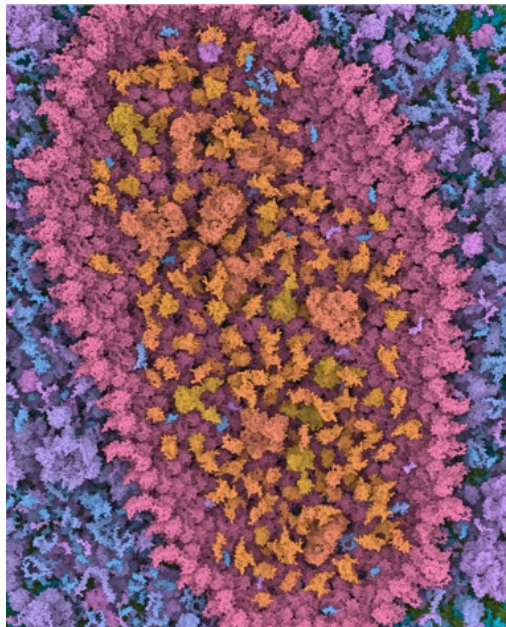
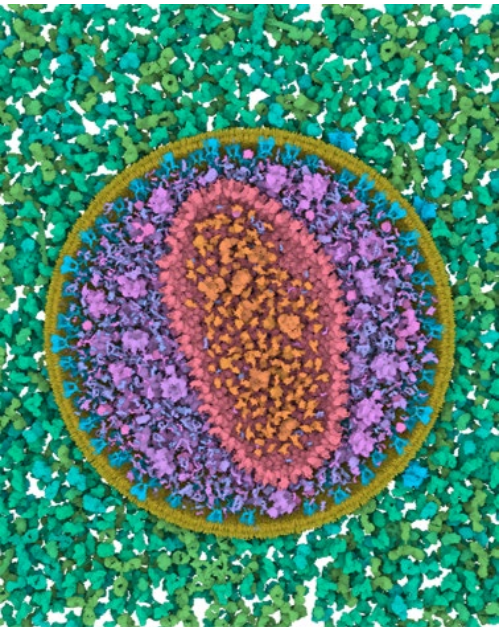
Waldin et al. (2016)

Colors in Molecular Visualization

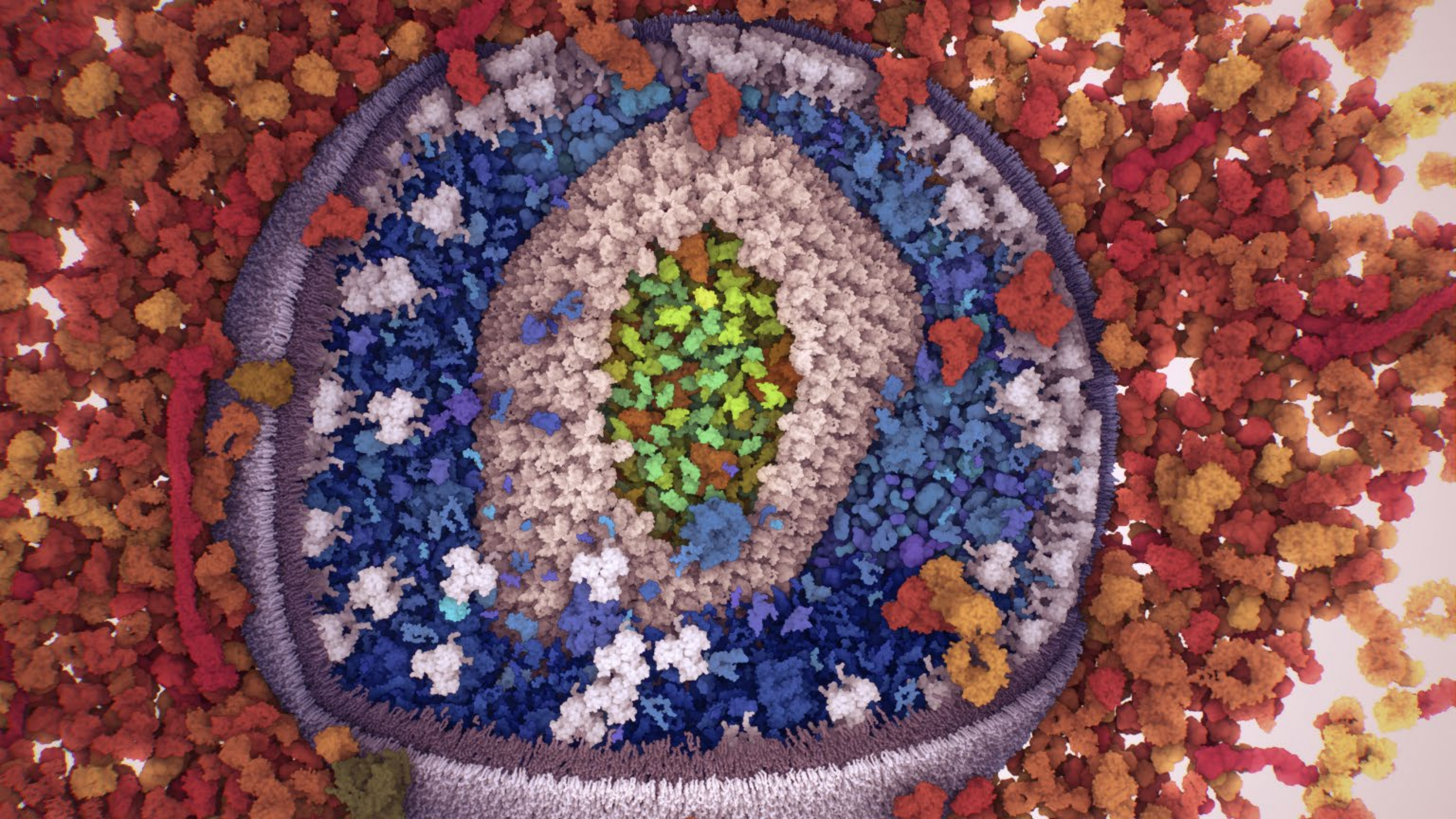


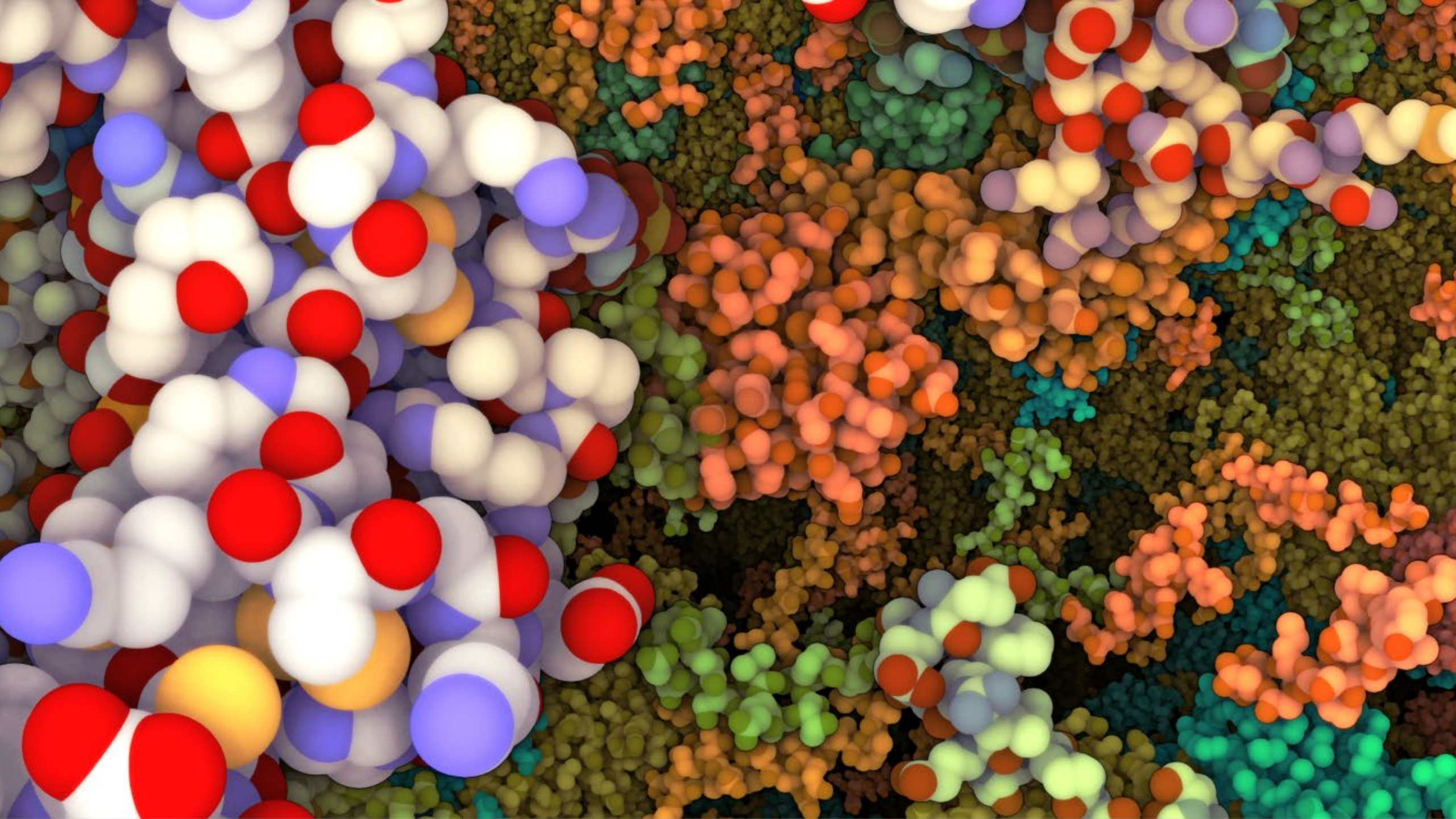
Waldin et al. (2016)

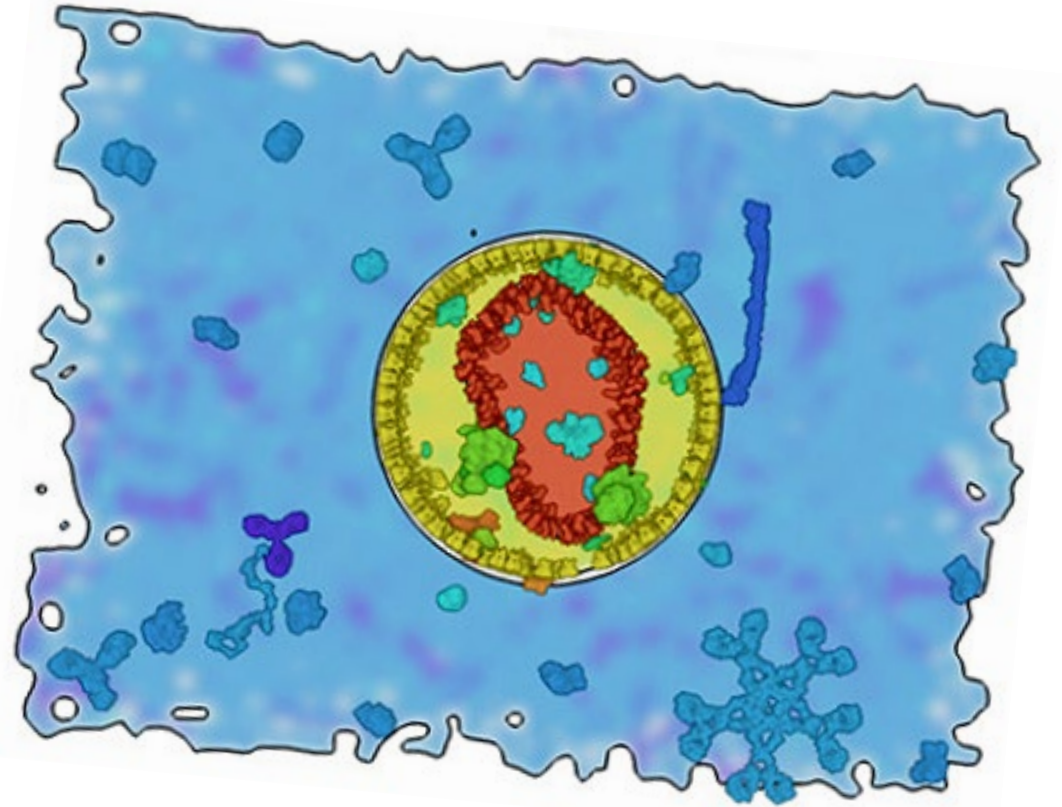
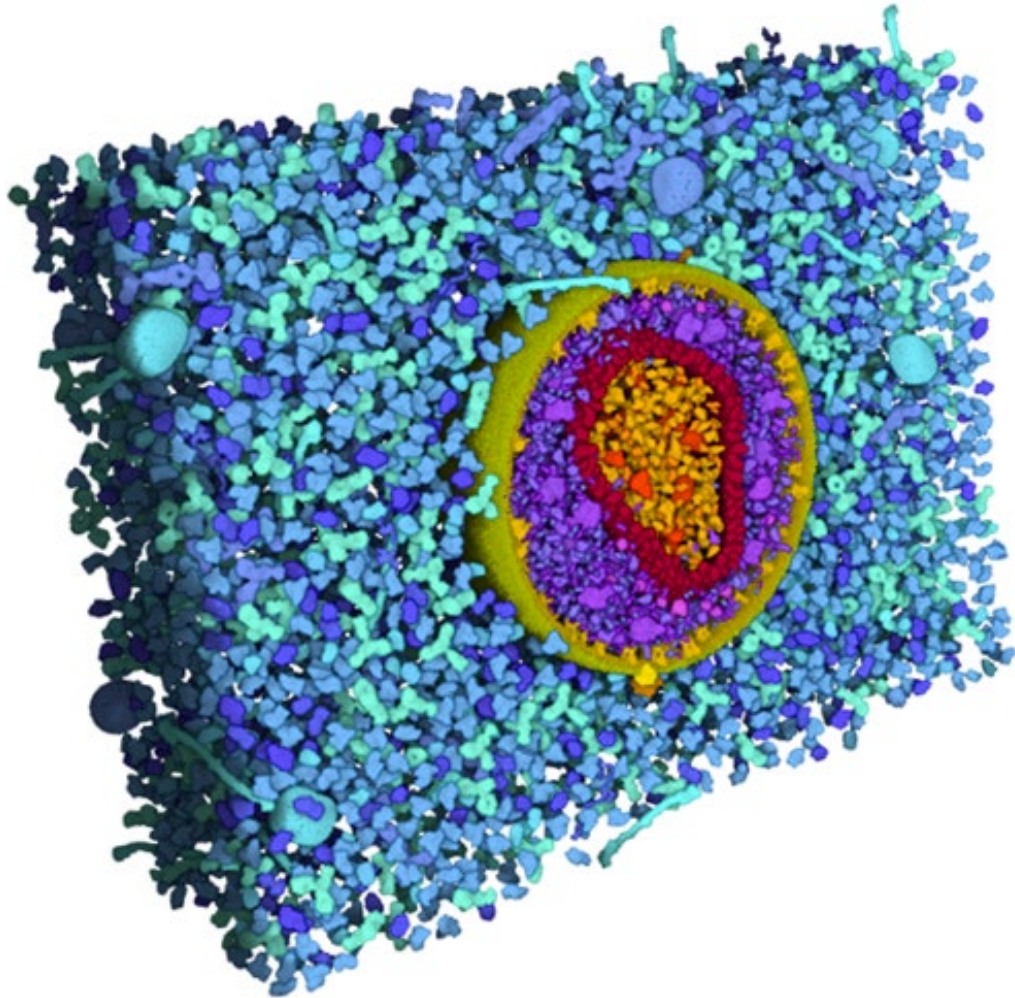
Colors in Molecular Visualization



Waldin et al. (2016)

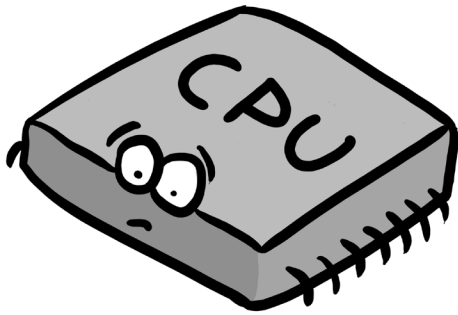




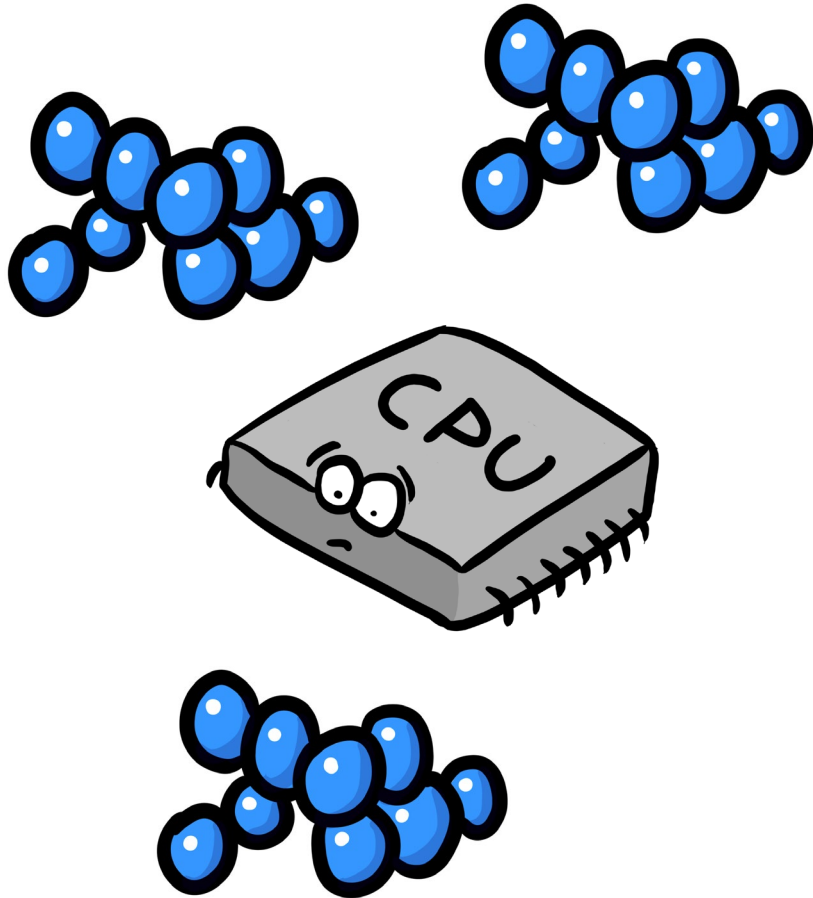


Sorger et al. (2016)

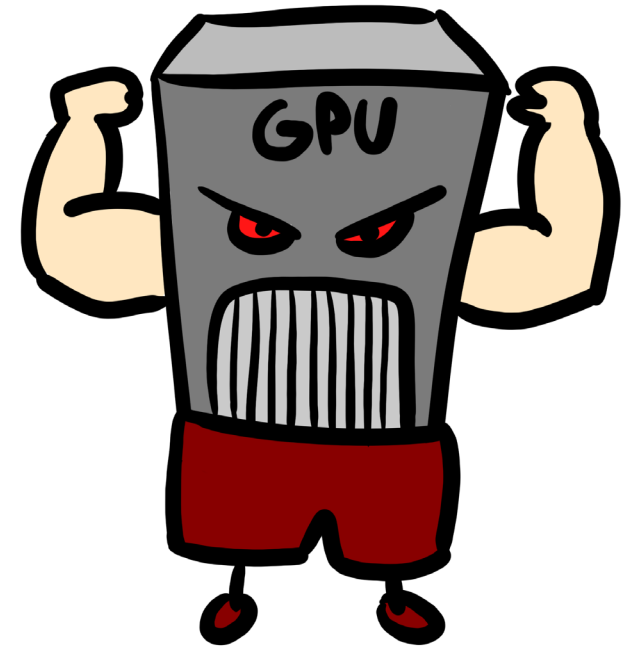
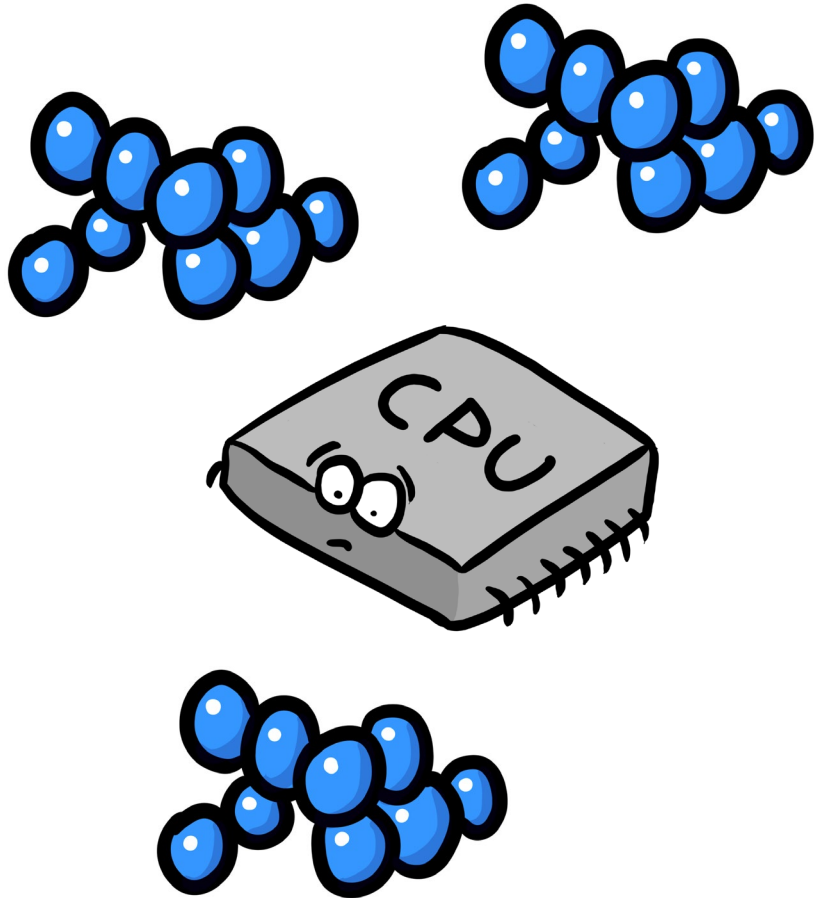
showing atoms



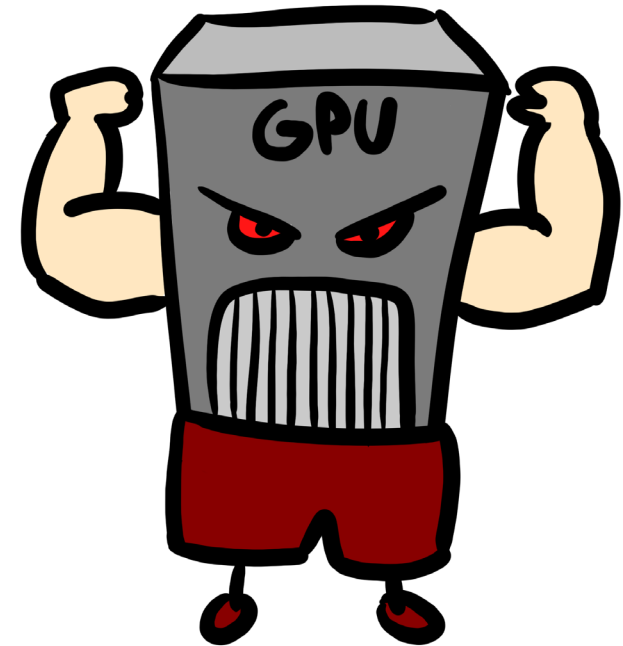
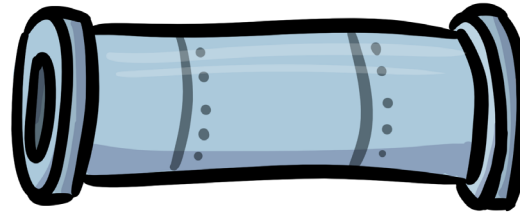
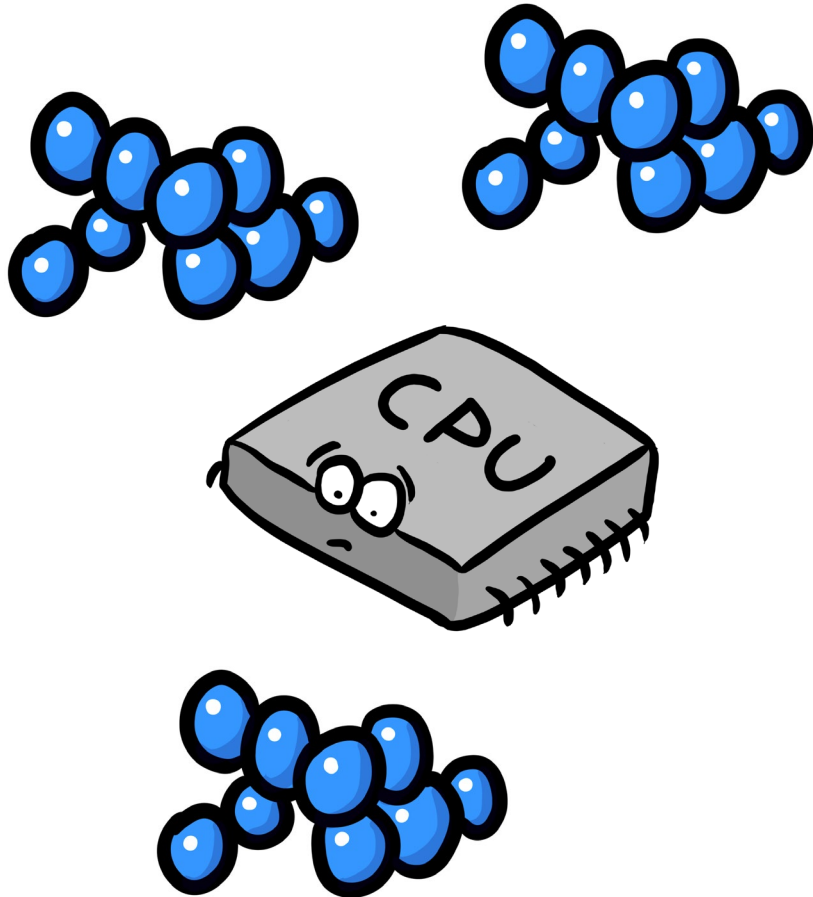
Rendering Atoms



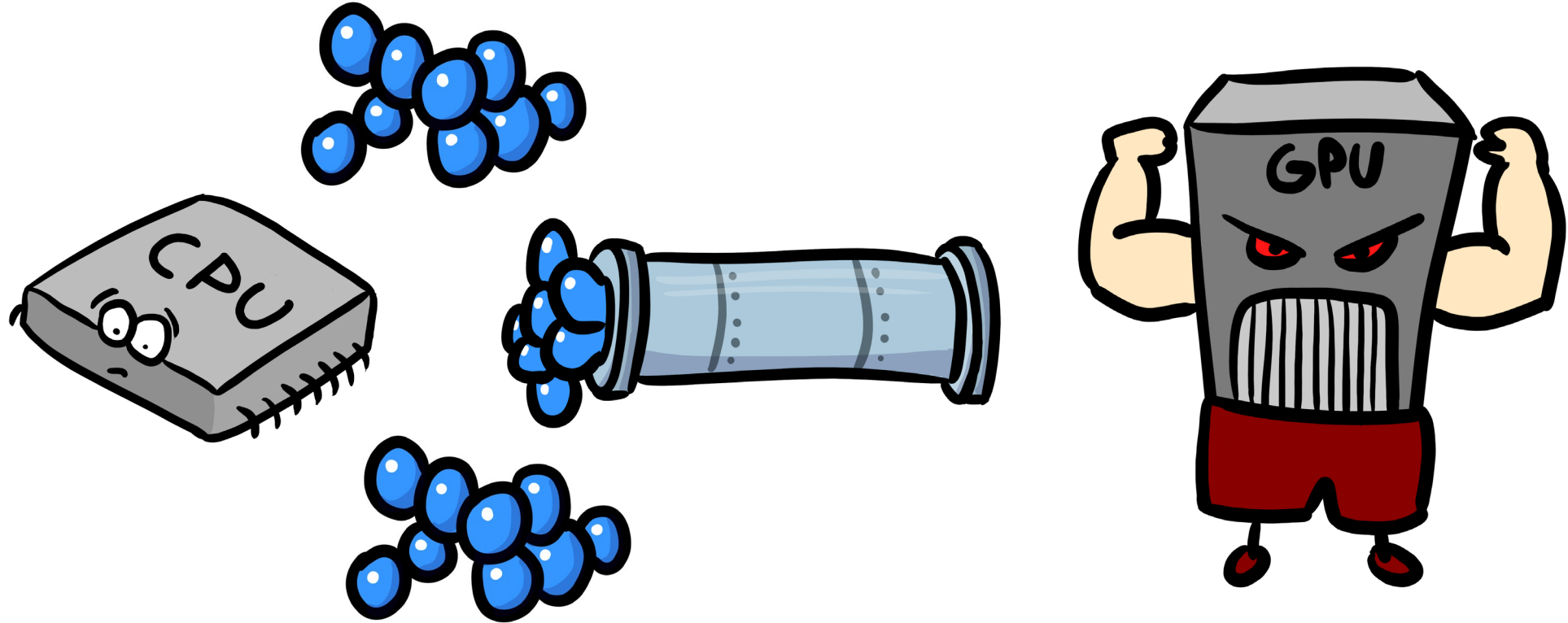
Rendering Atoms

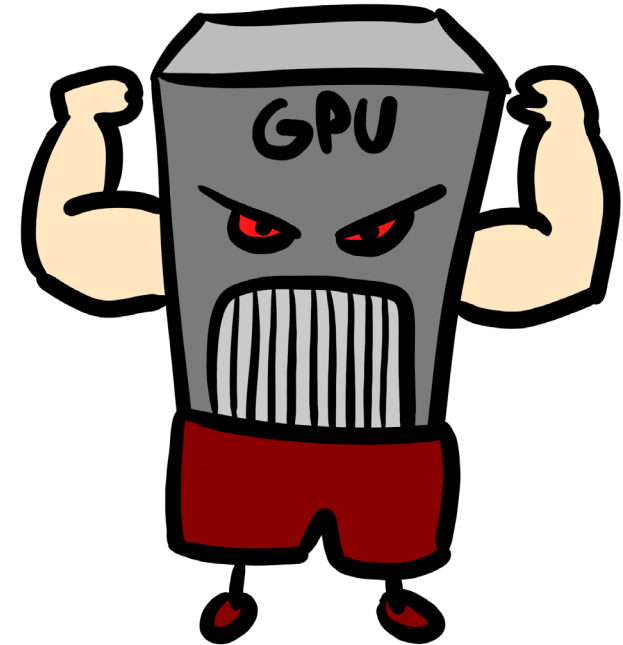
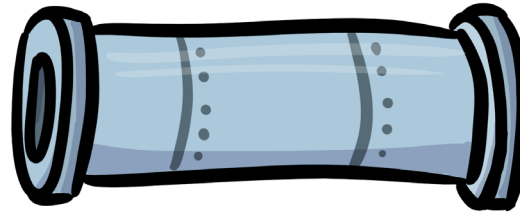
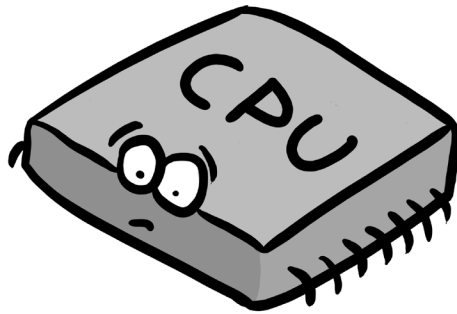


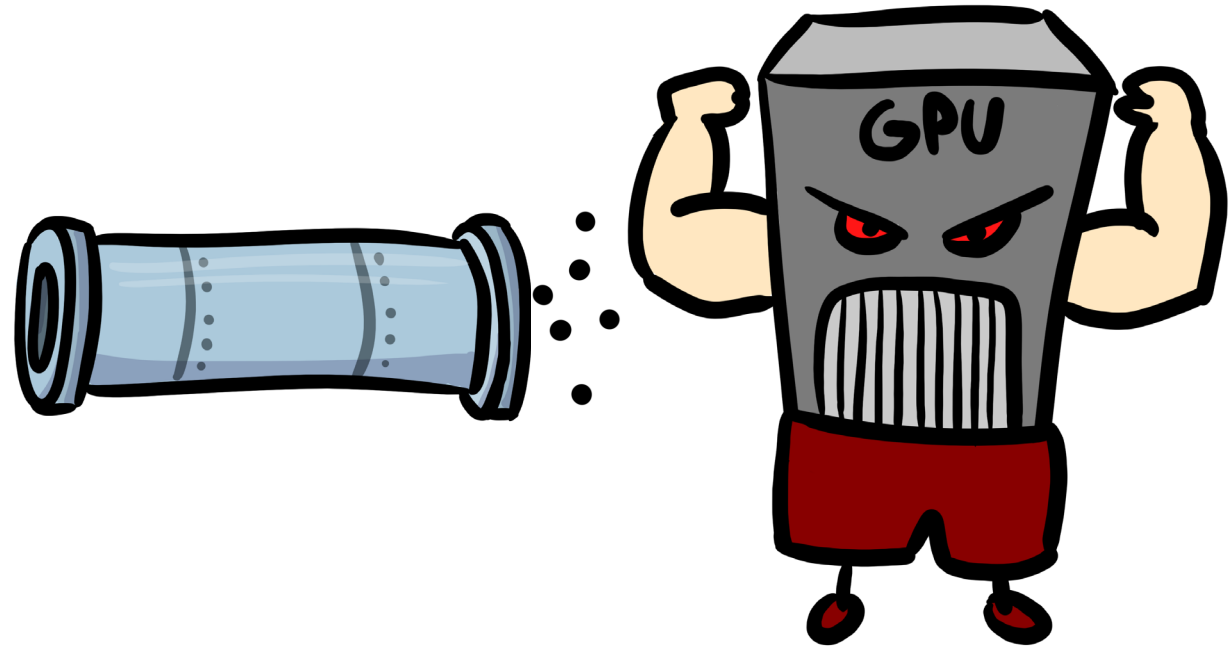
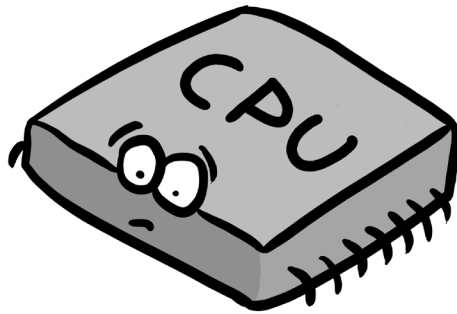
Rendering Atoms

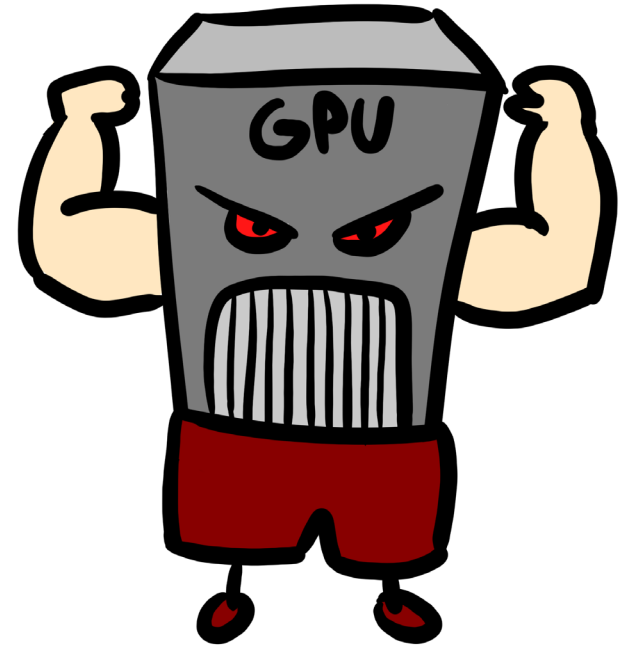


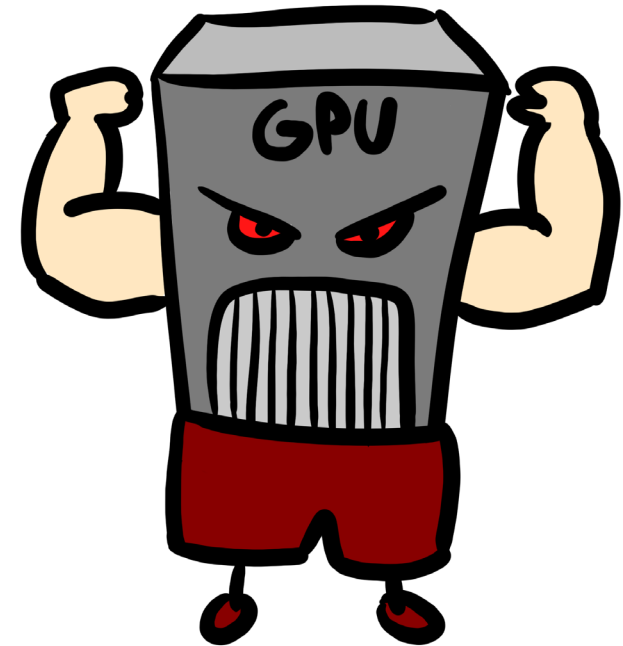
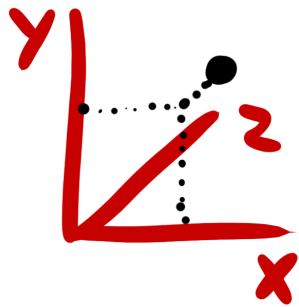
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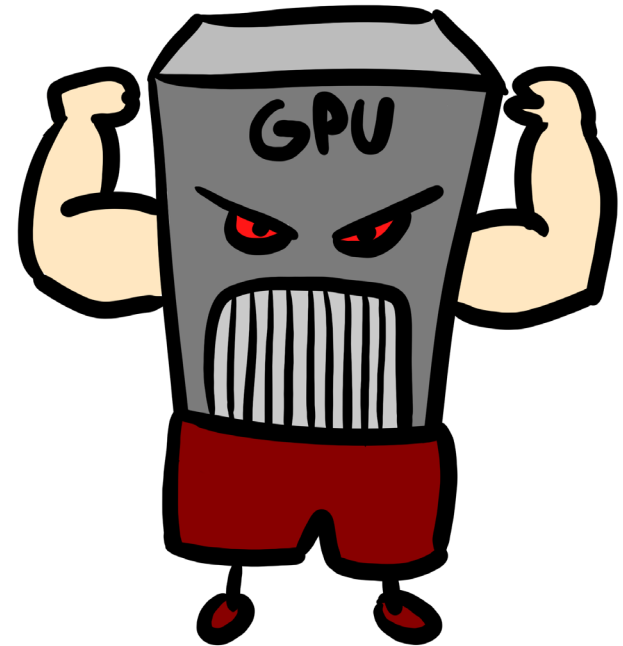
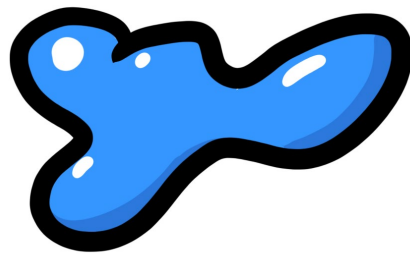
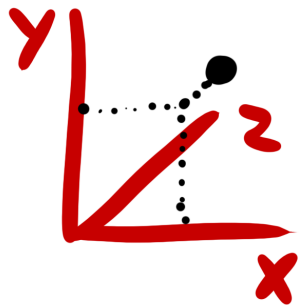


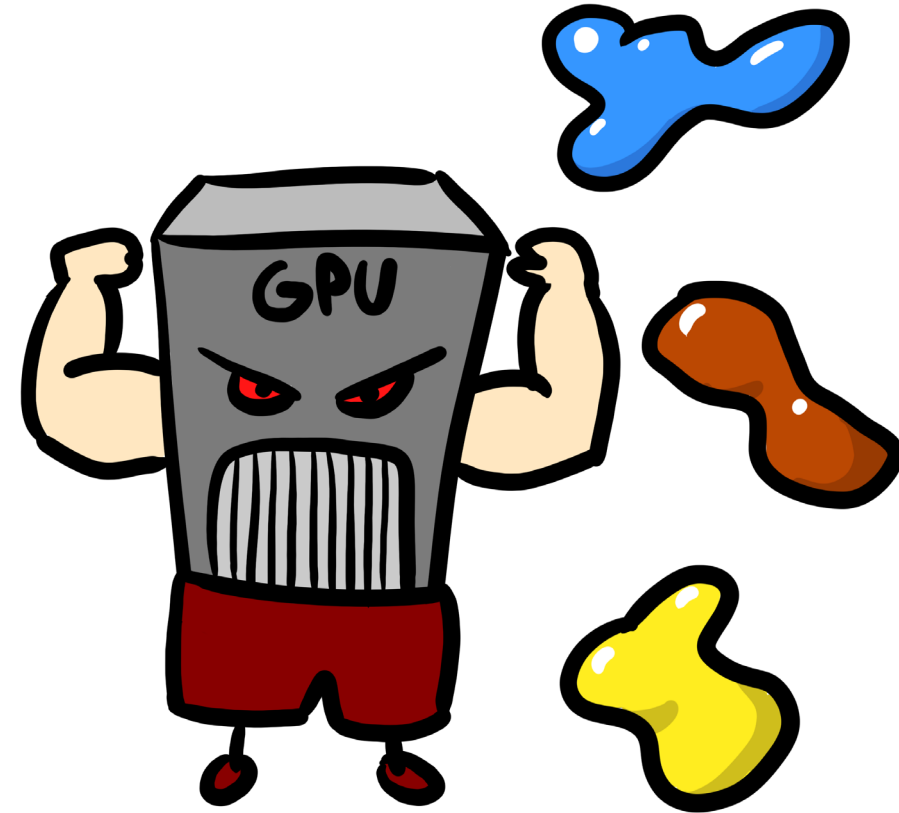
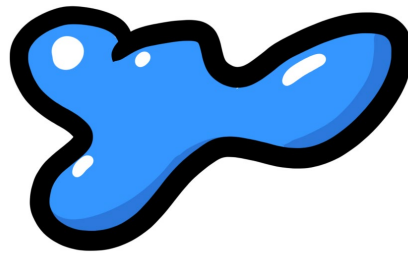
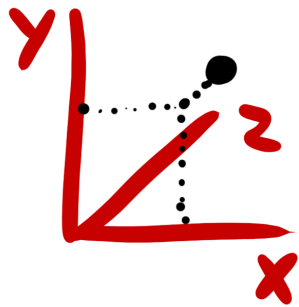


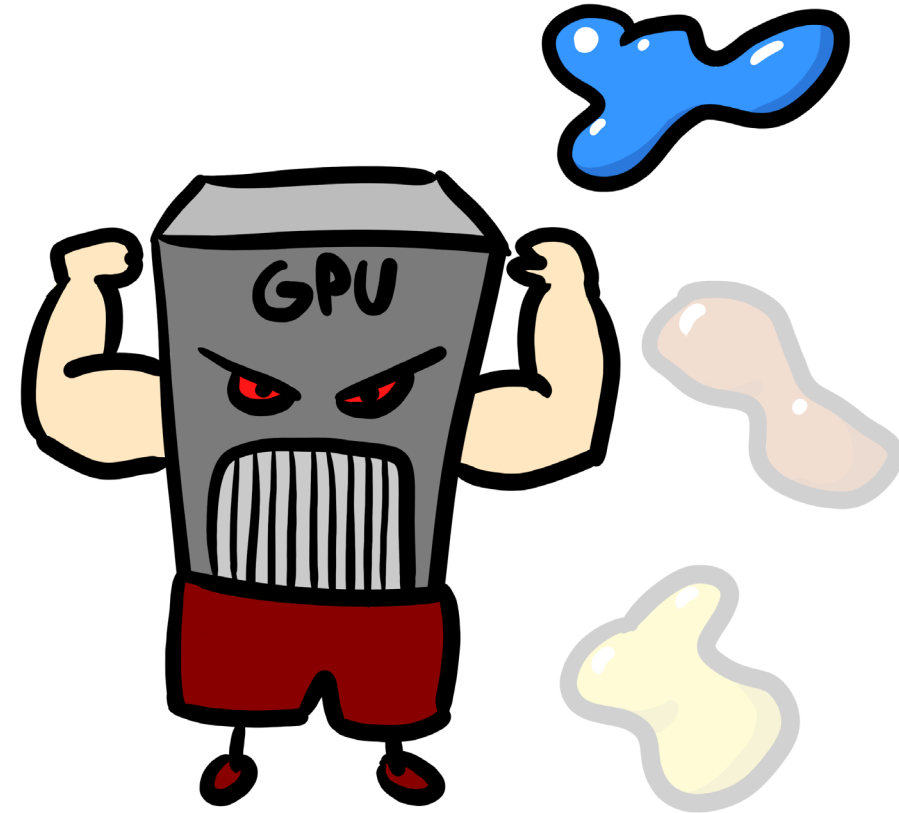
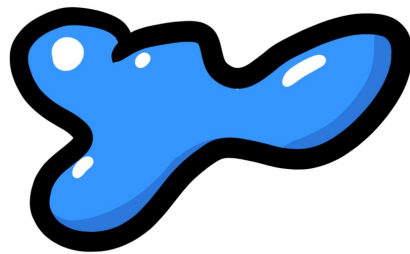
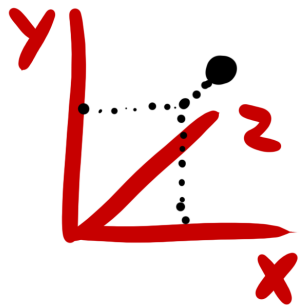


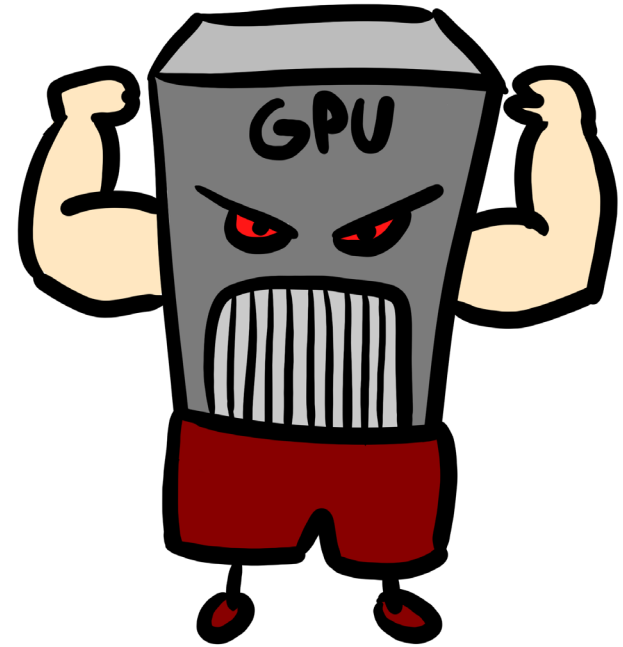


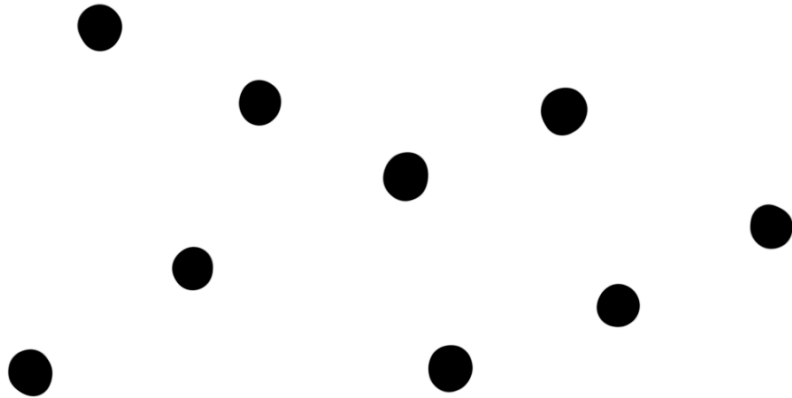


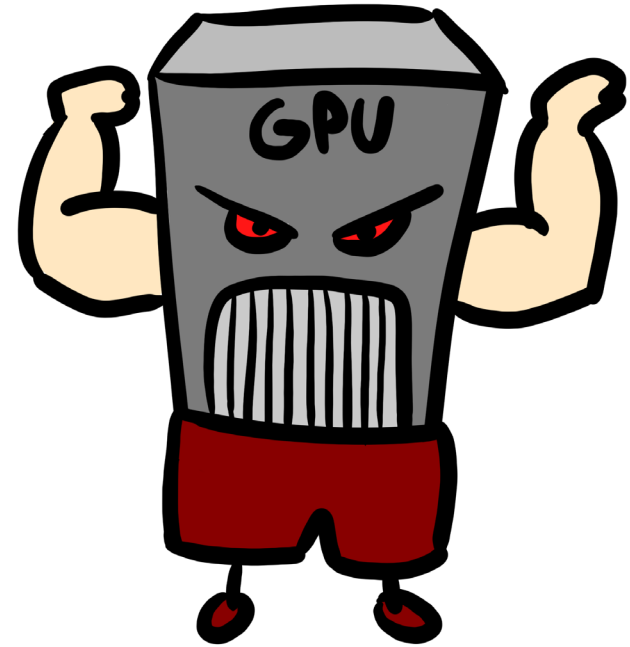
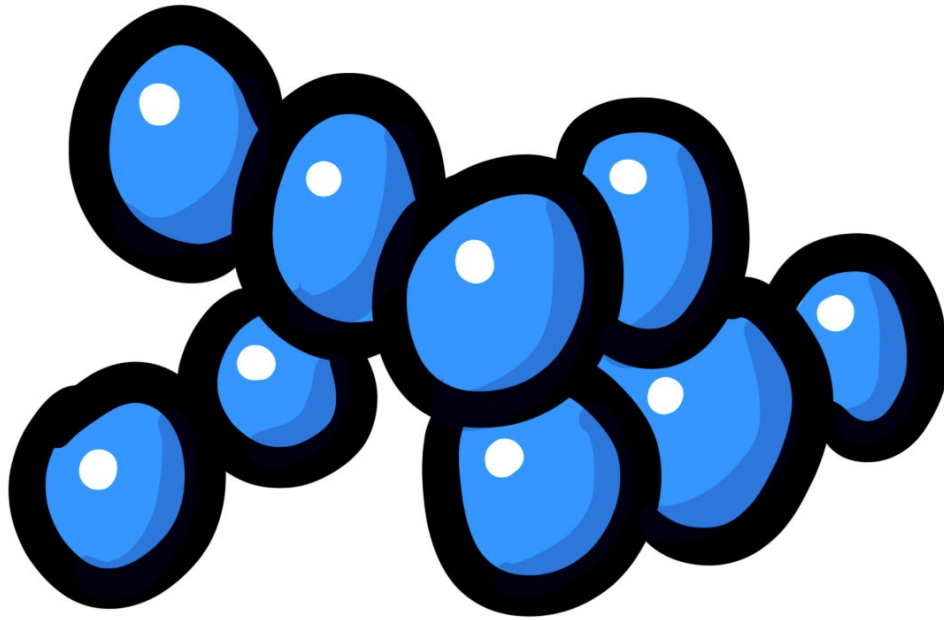




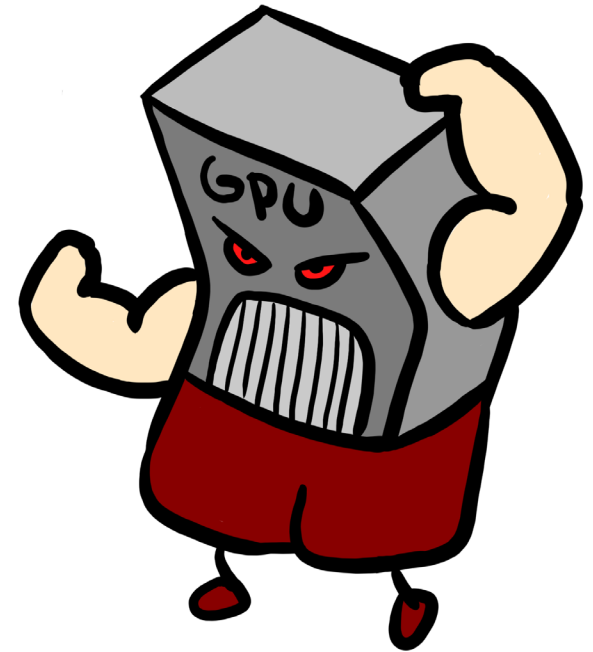
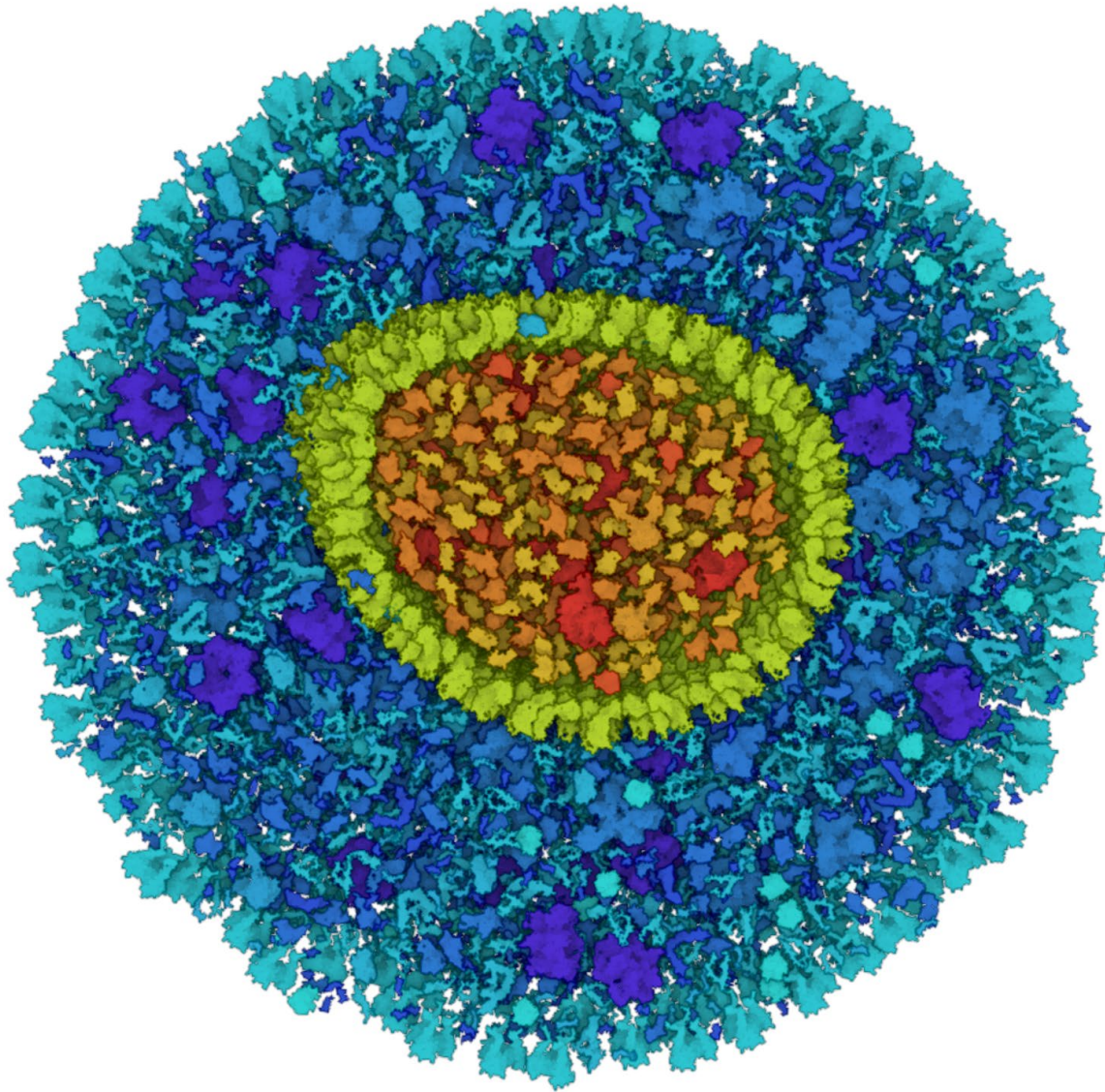


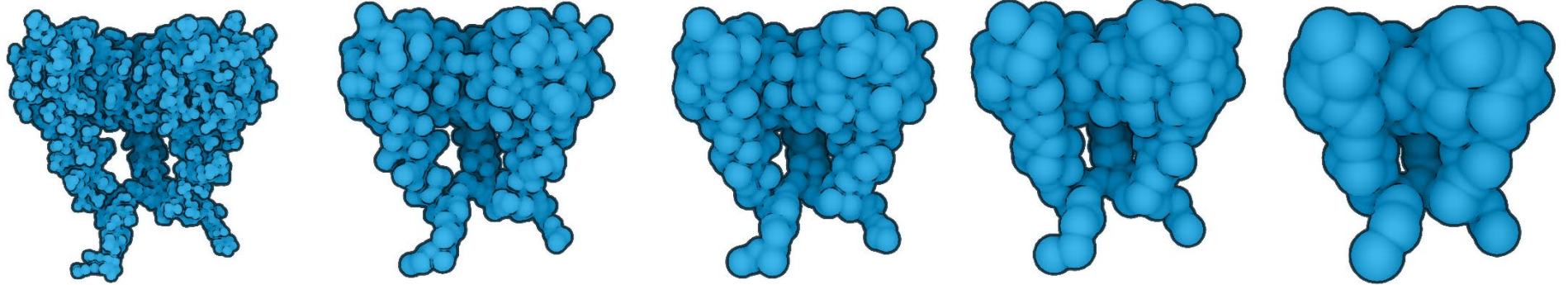
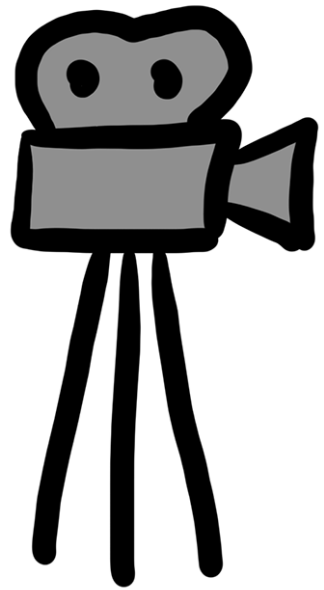




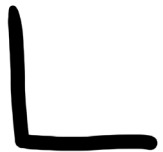
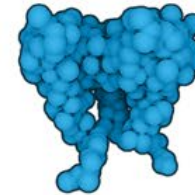
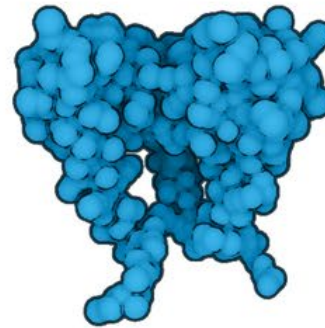
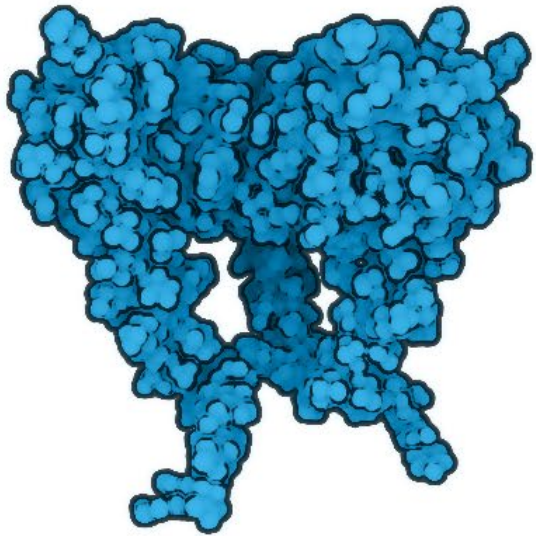


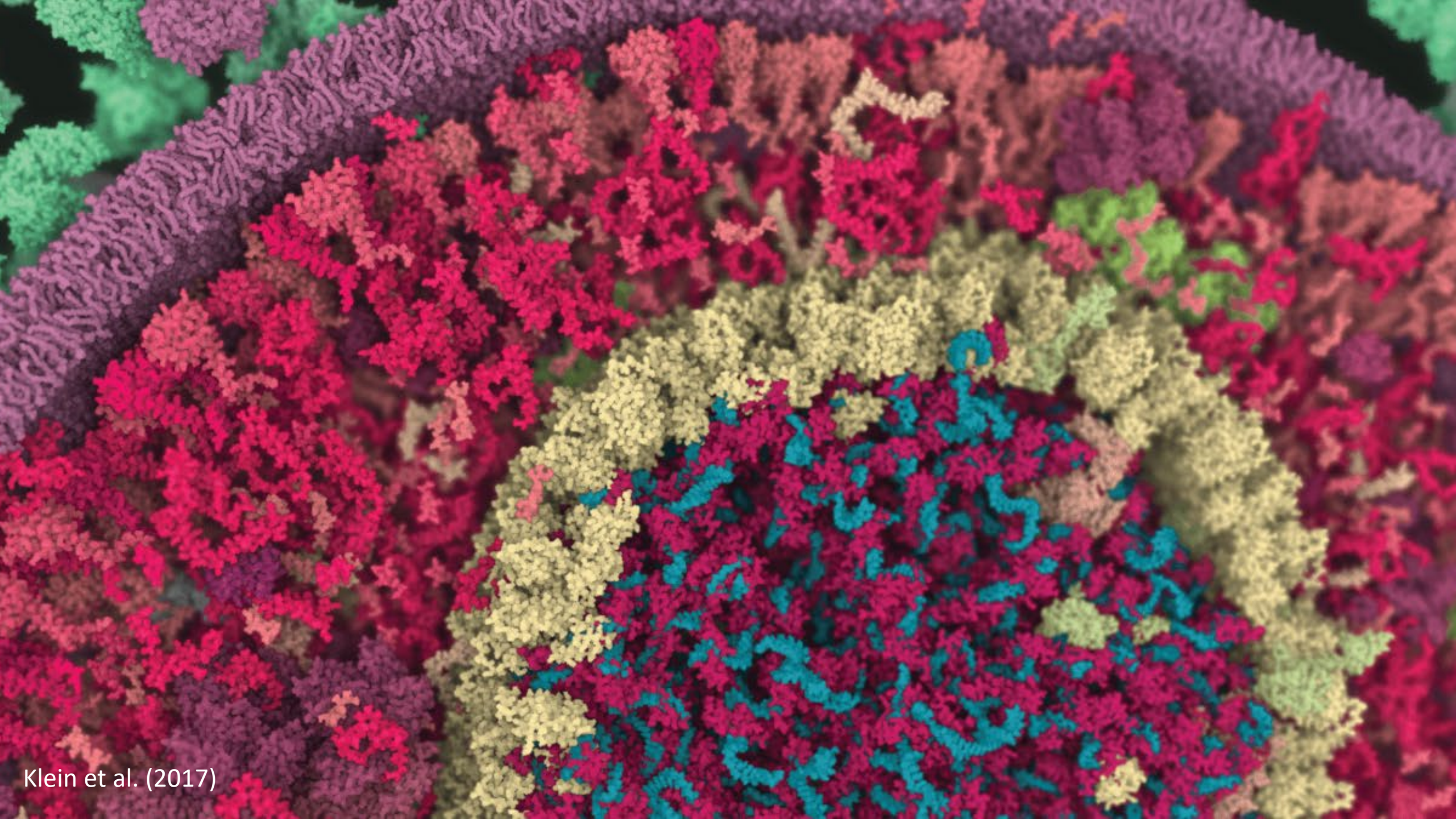
Rendering Atoms



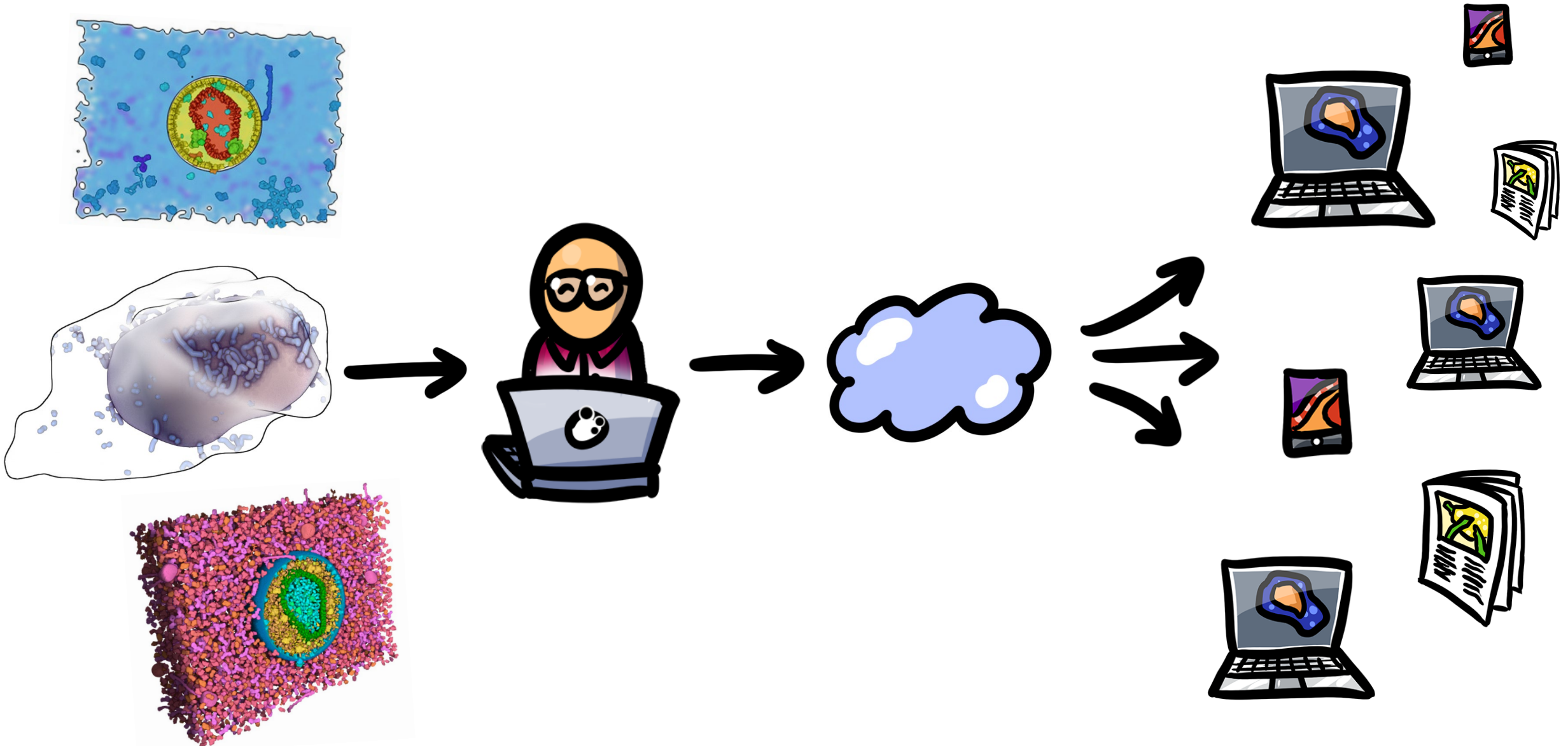


distance from the camera





Sharing Knowledge



nanographics



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