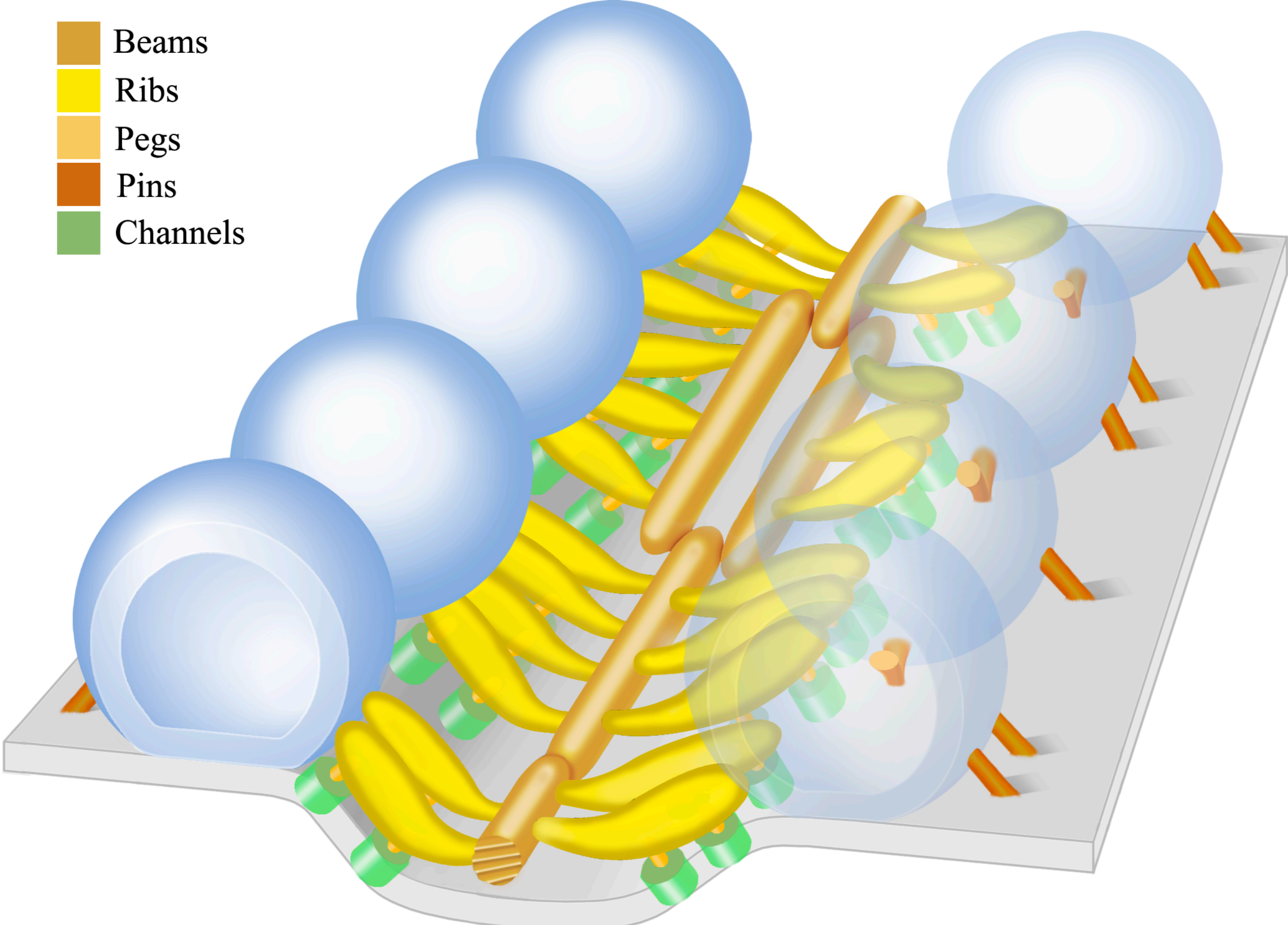


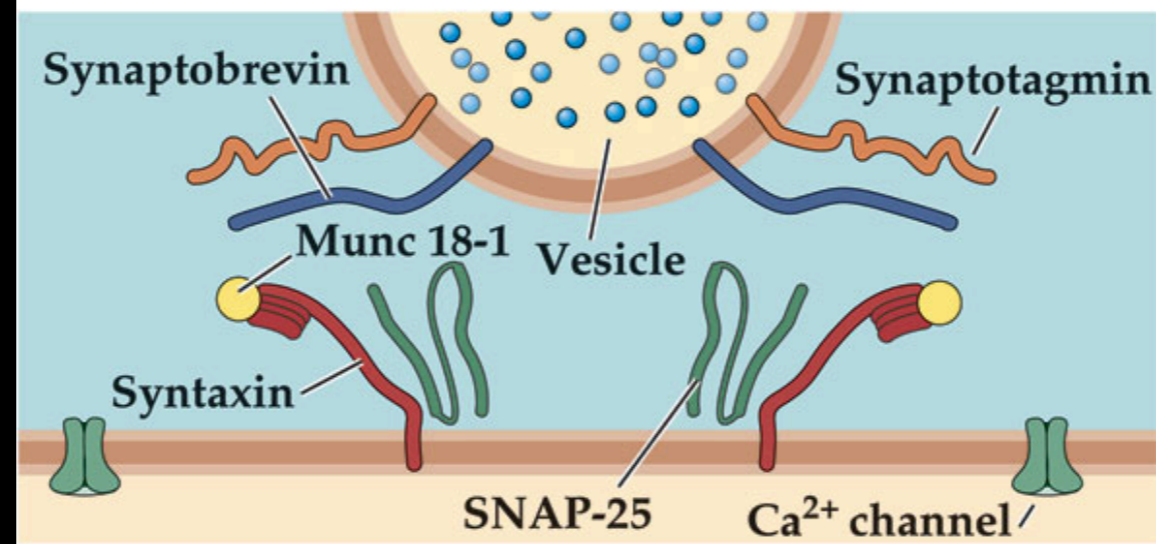
*Harlow, Ress, Marshall & McMahan (2001) Nature 409: 479-484.*



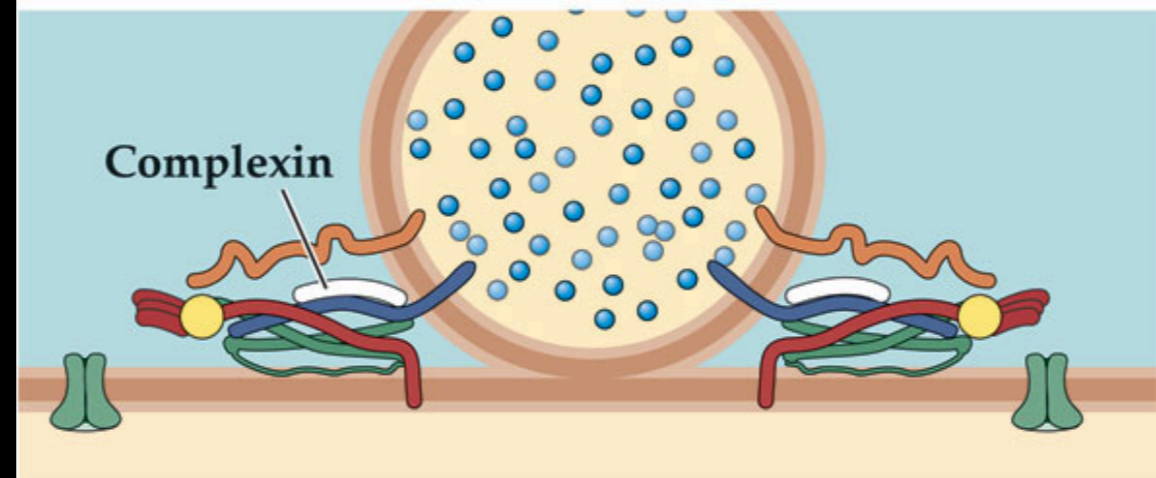
- Beams
- Ribs
- Pegs
- Pins
- Channels



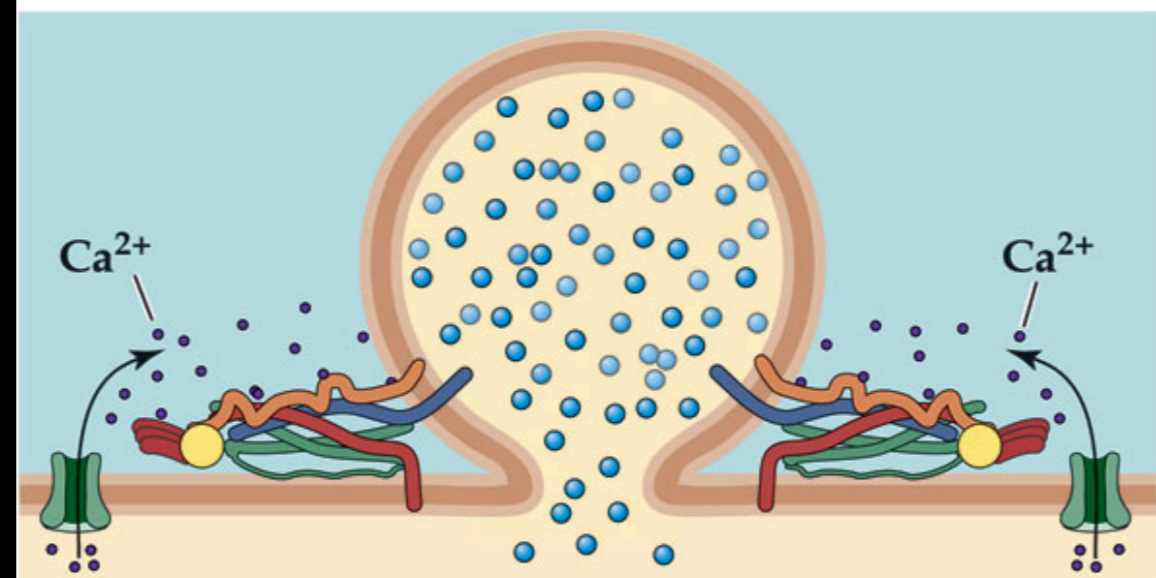
(A) Docked vesicle



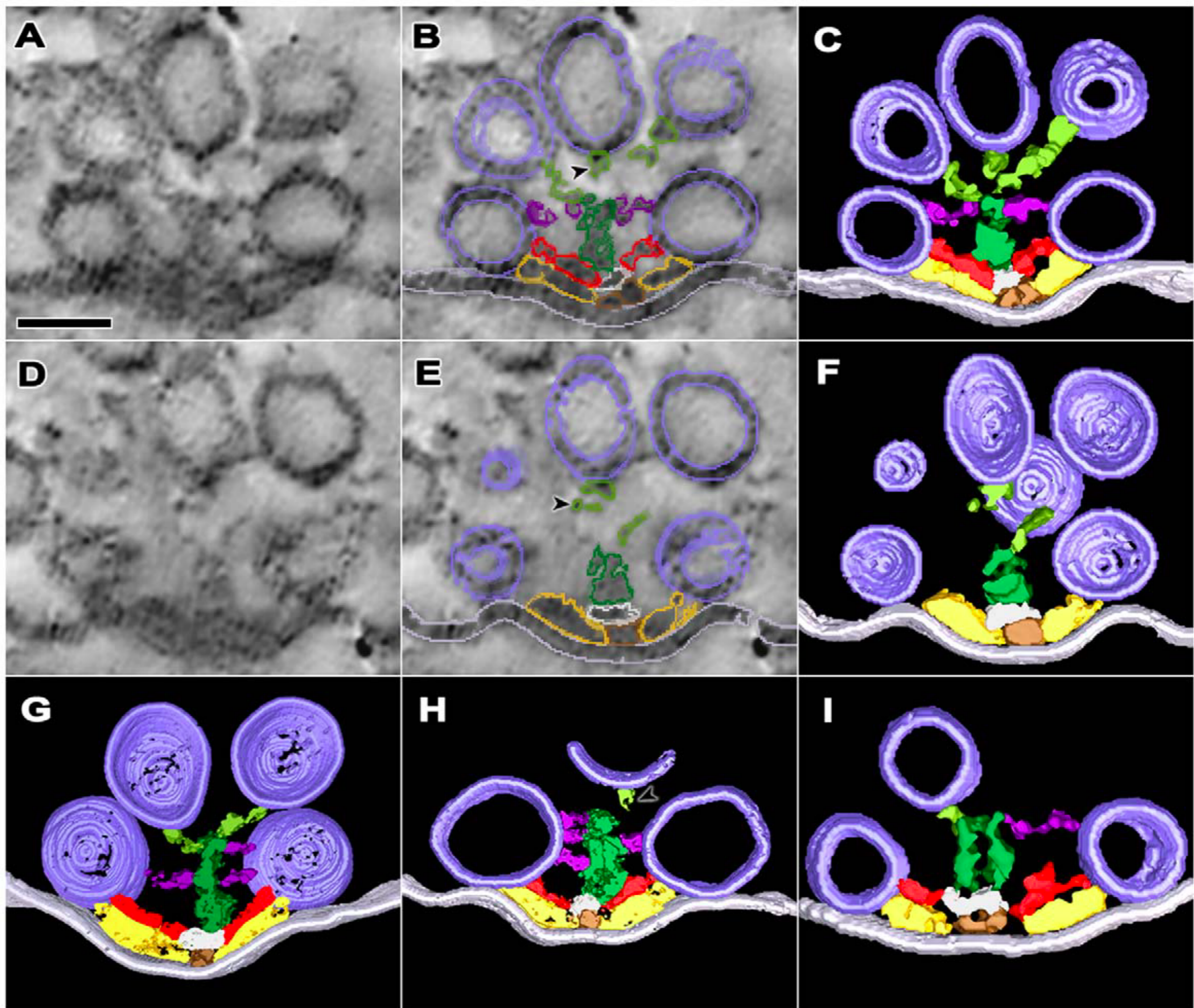
(B) Vesicle in primed position



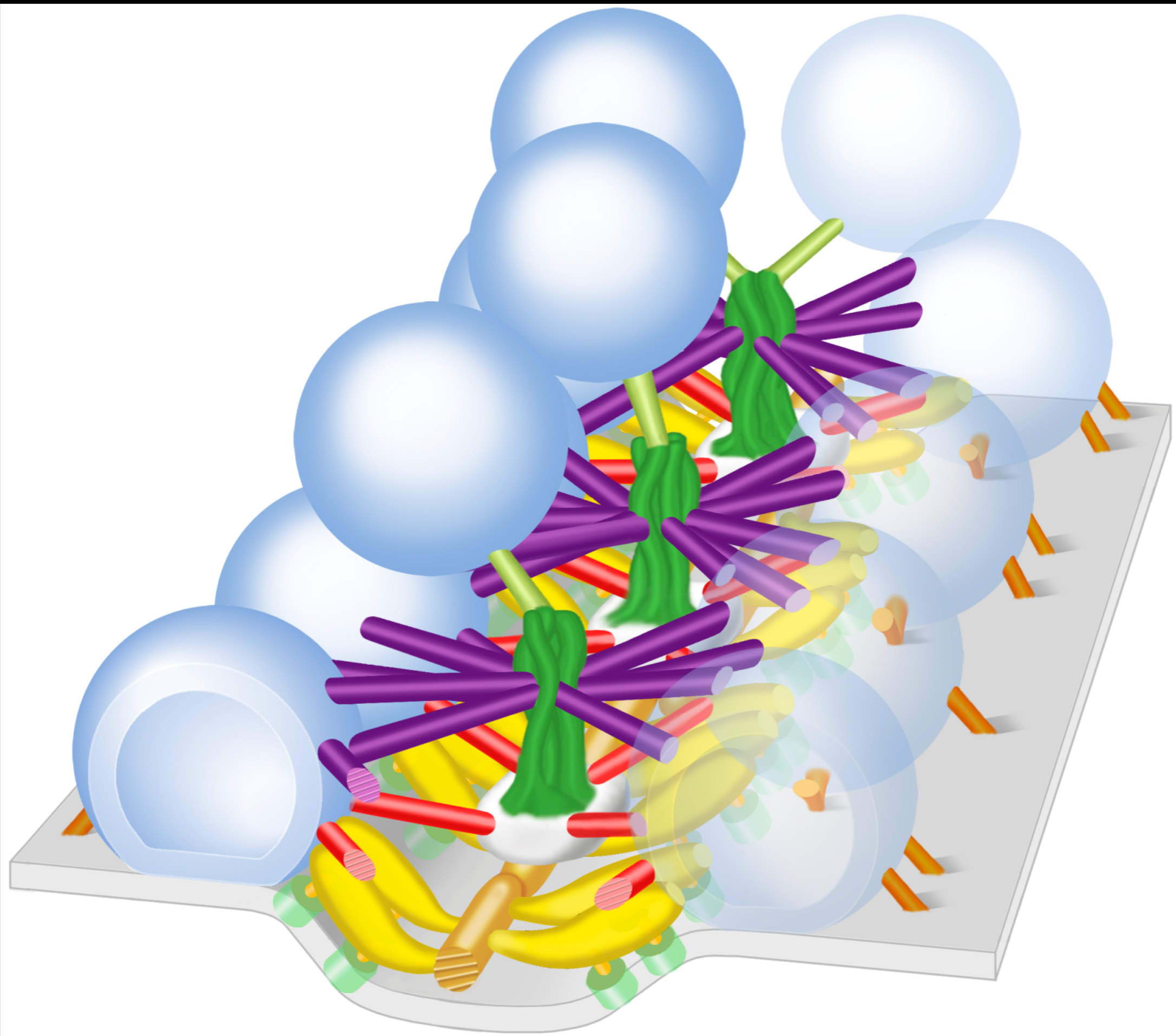
(C) Entering Ca<sup>2+</sup> binds to synaptotagmin



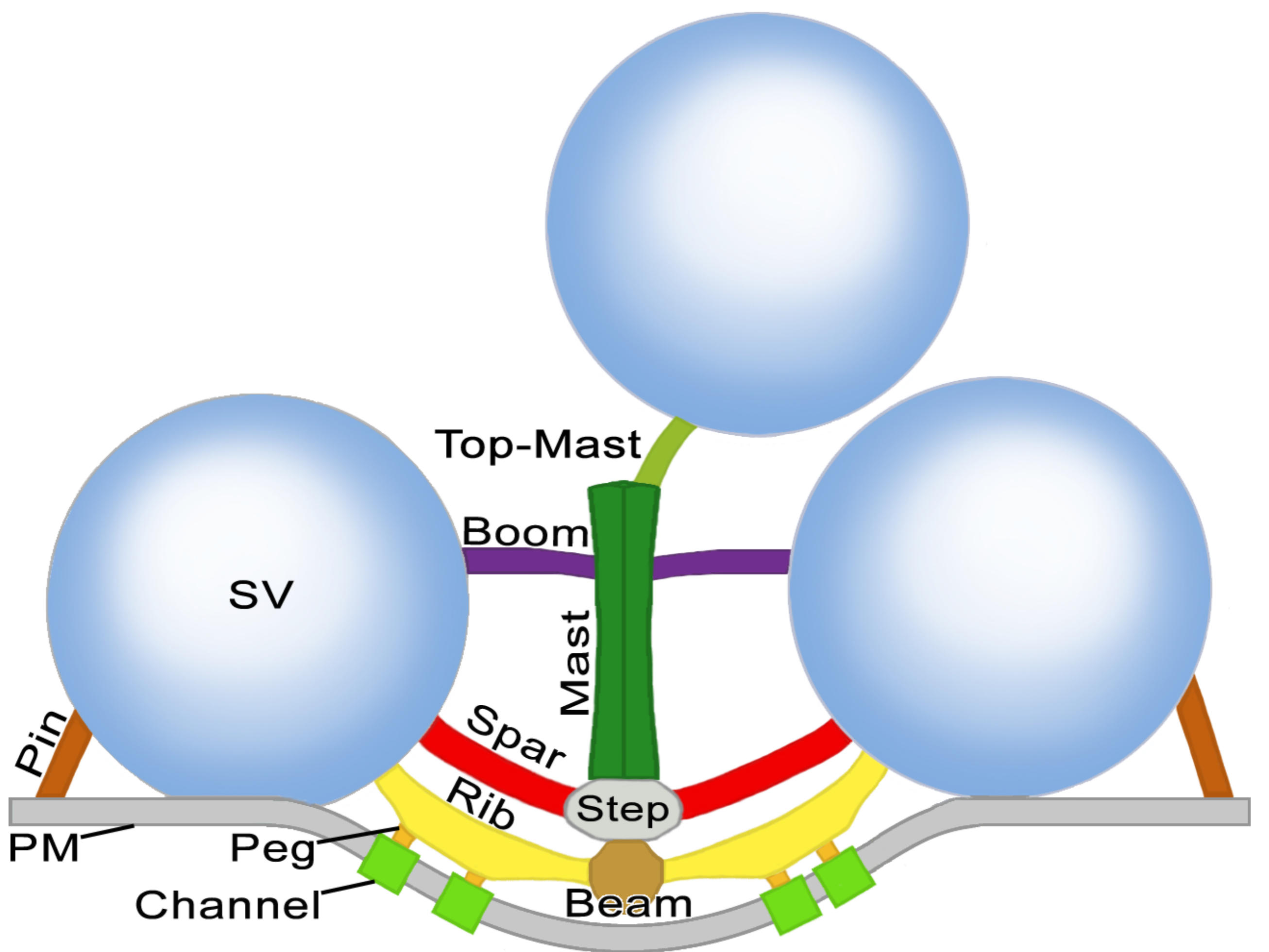


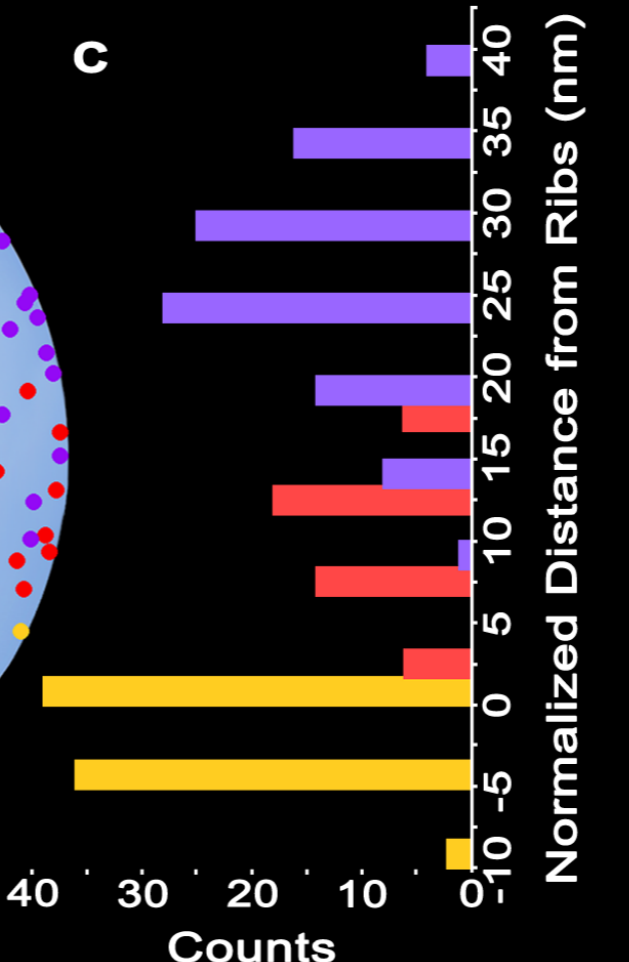
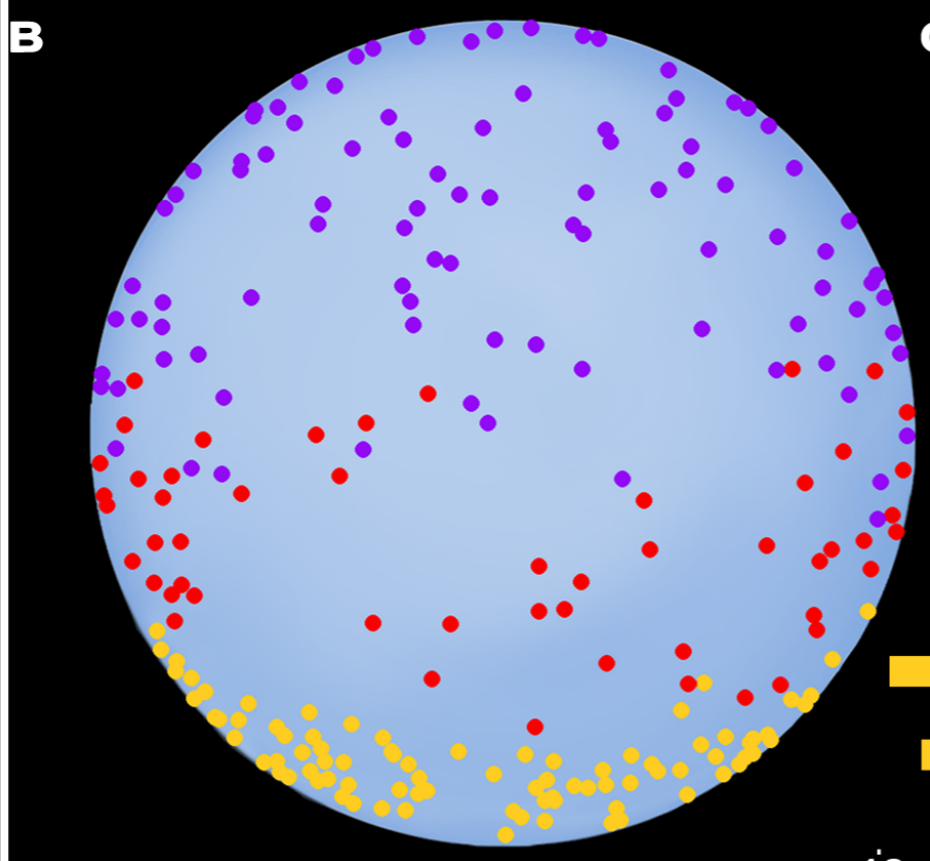
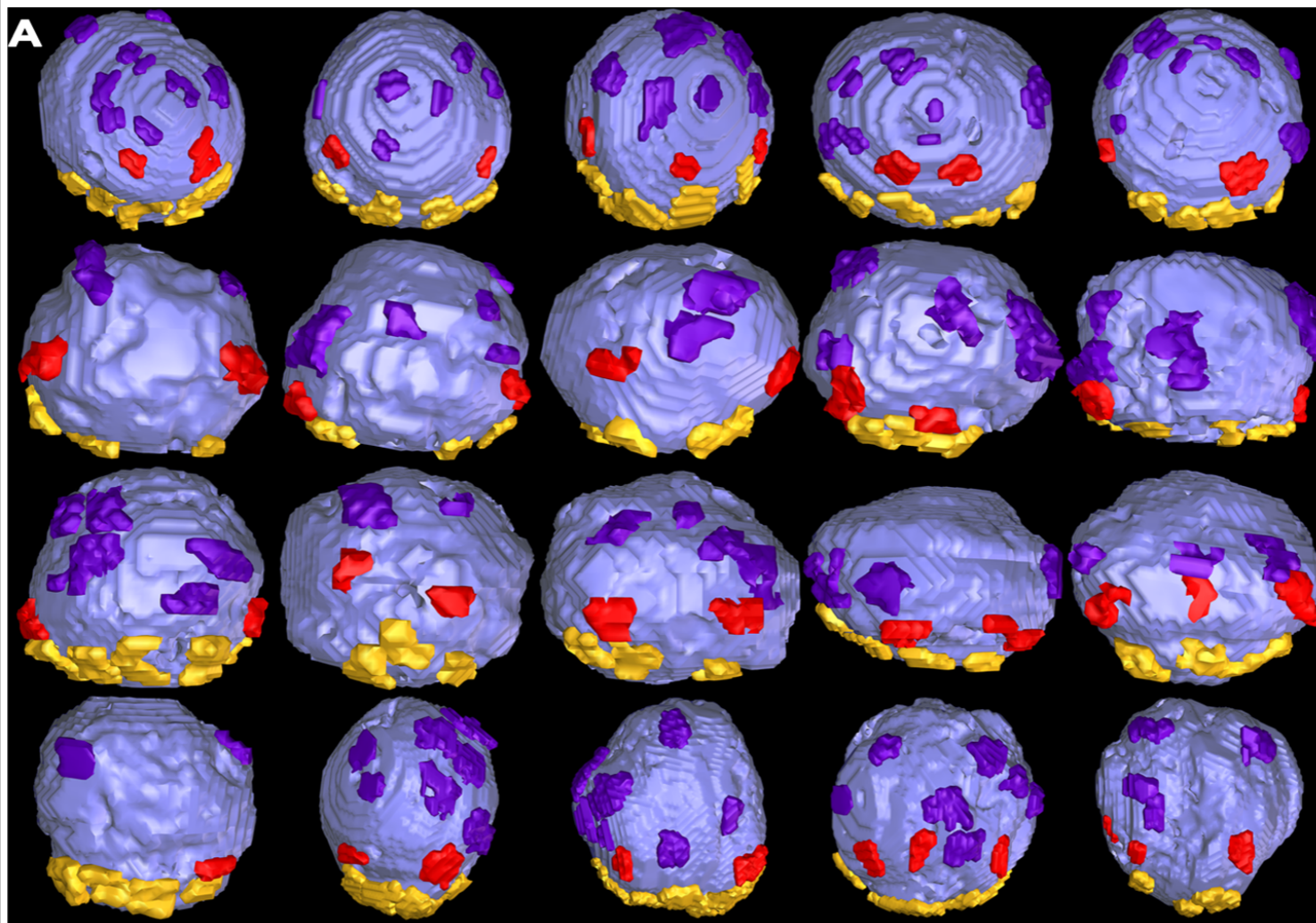






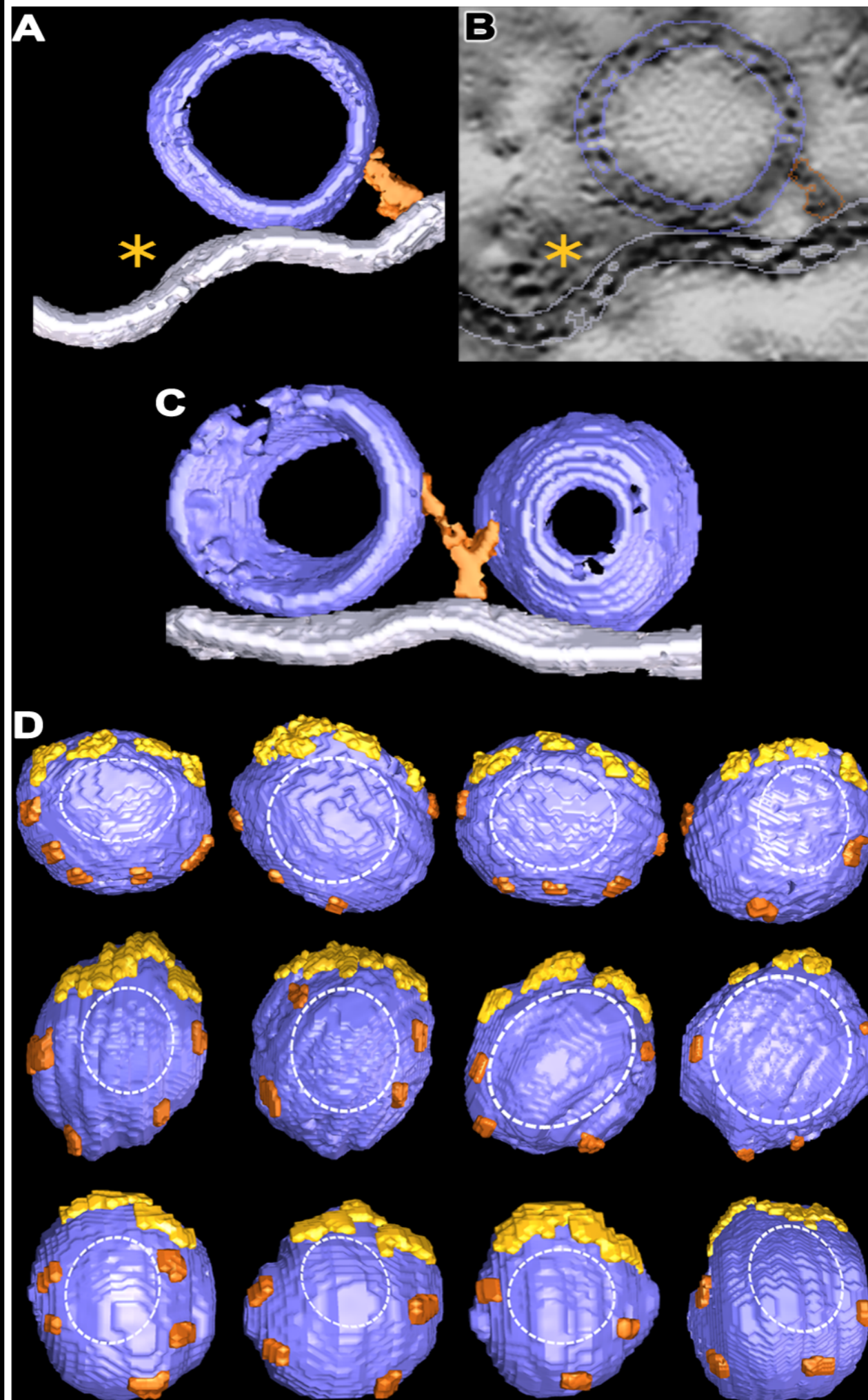




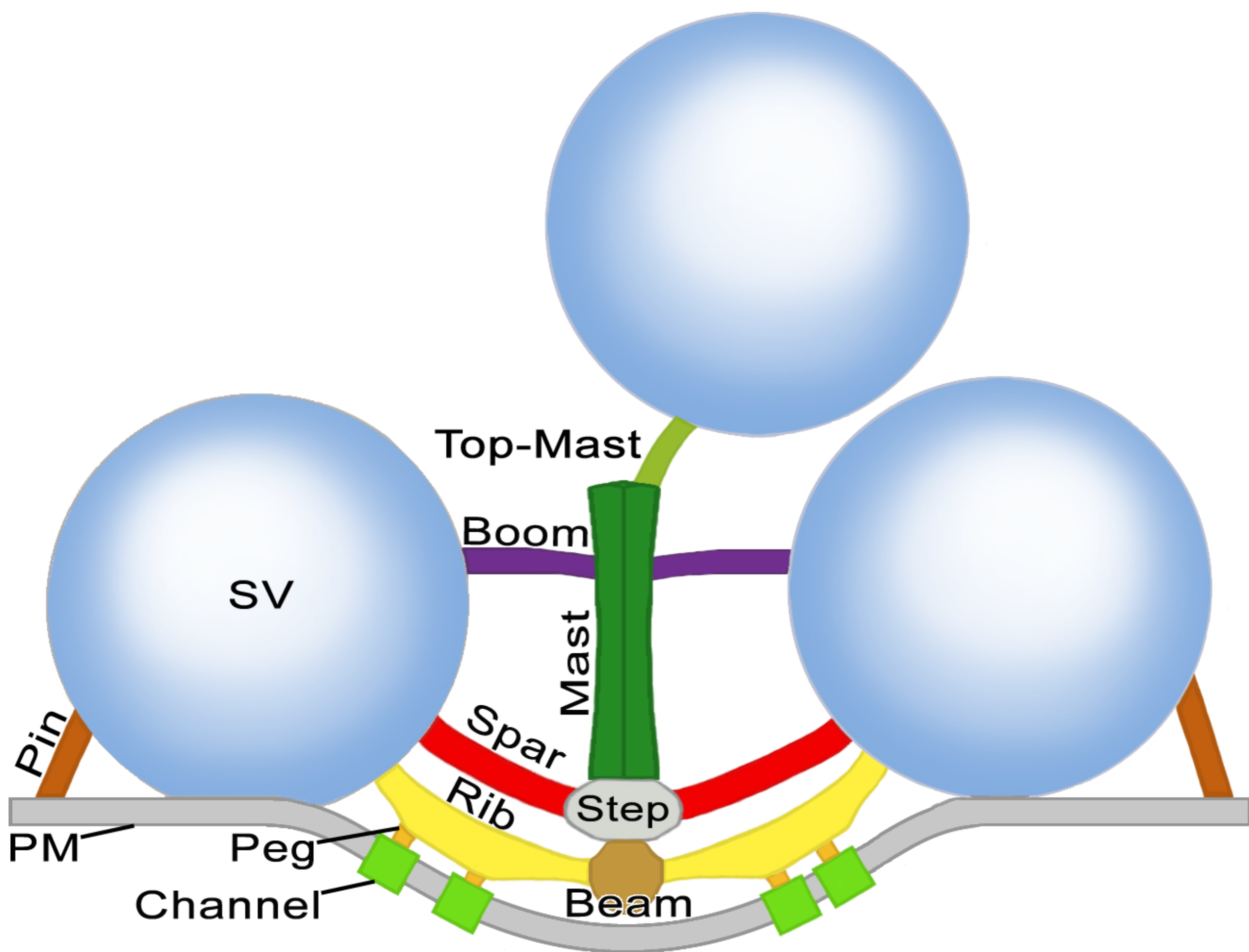


Szule, Harlow, Jung, De-Miguel,  
 Marshall, McMahan (2012)  
 PLoS ONE 7(3): e33333.

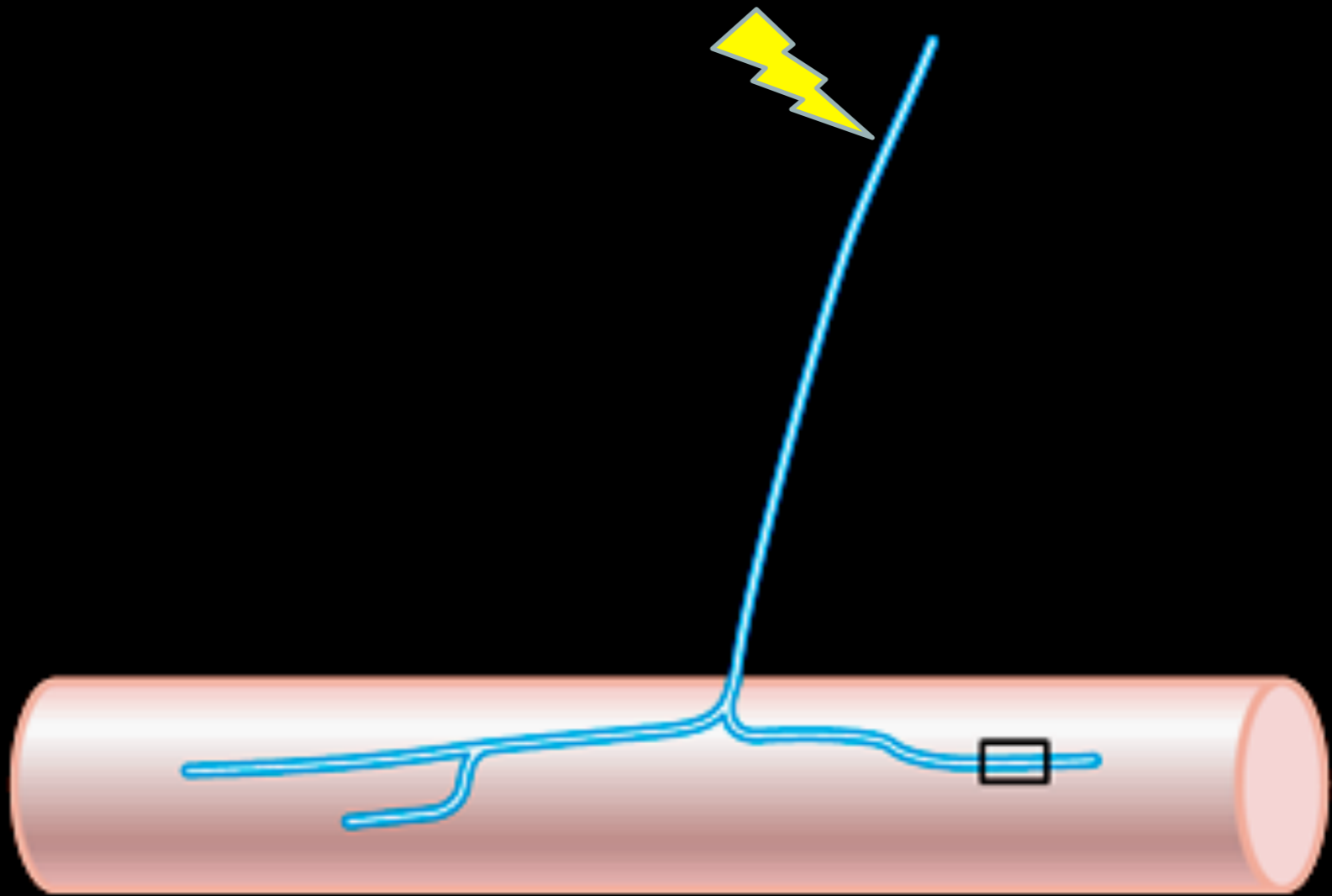


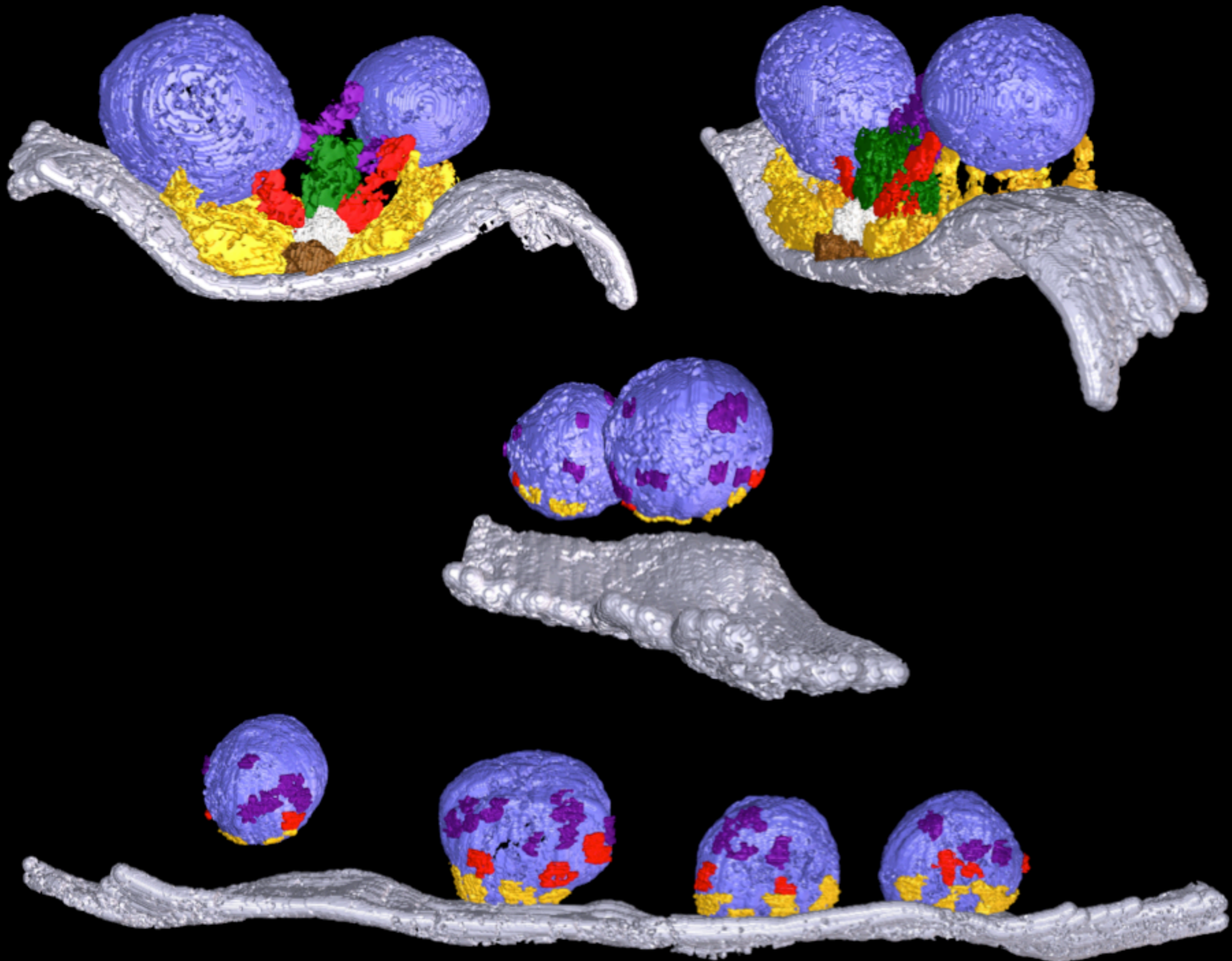


Szule, Harlow, Jung, De-Miguel,  
Marshall, McMahan (2012) PLoS ONE  
7(3): e33333.

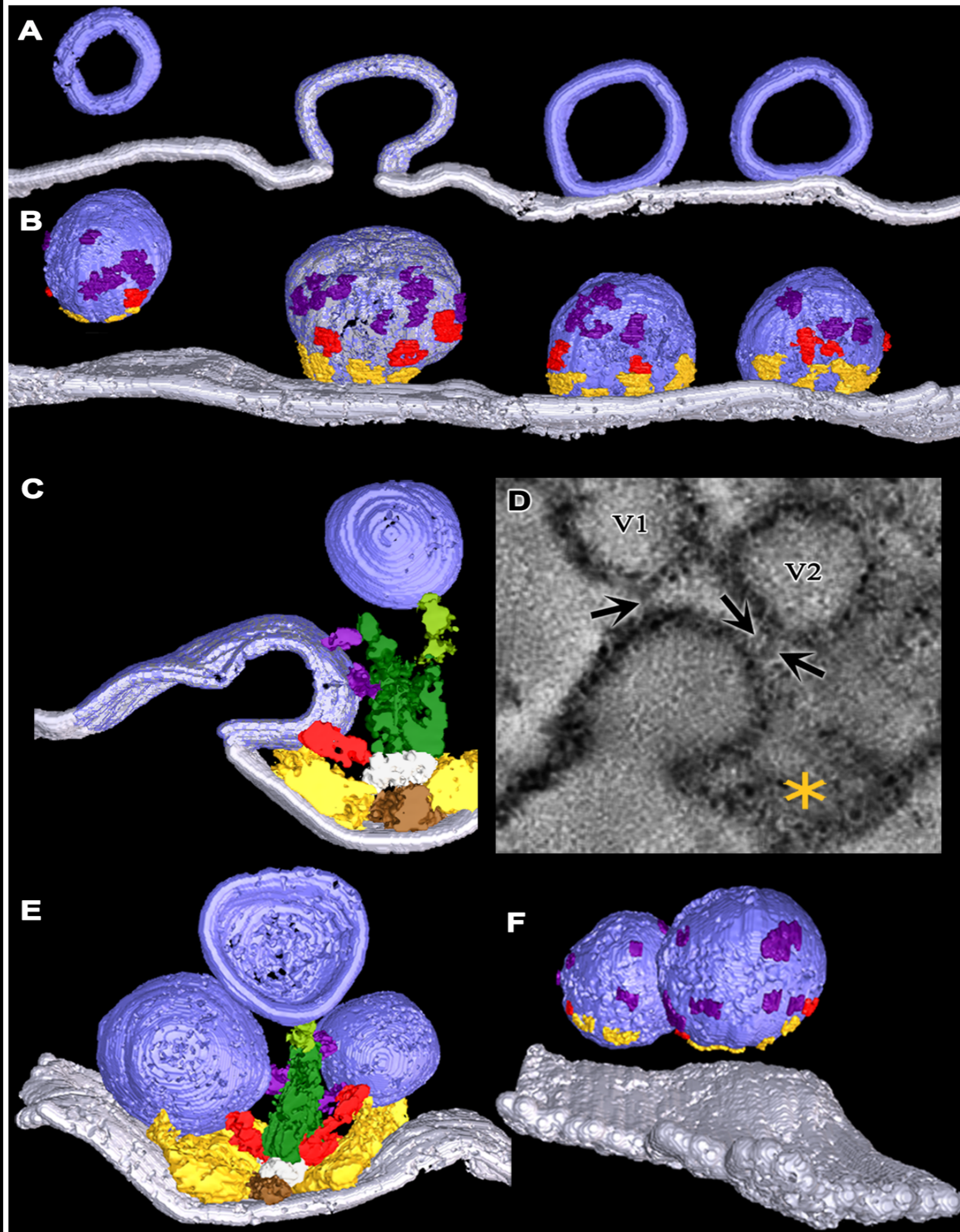


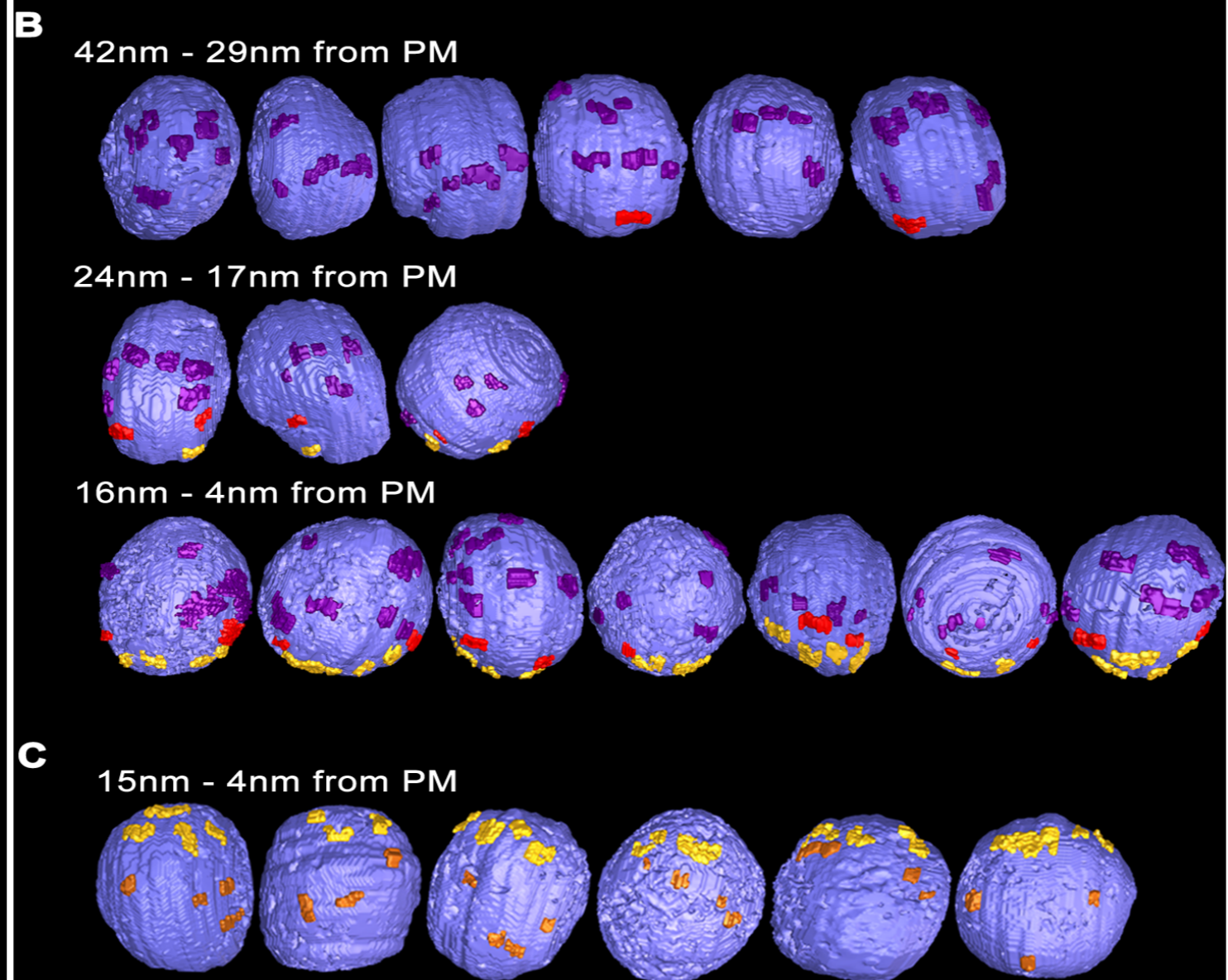
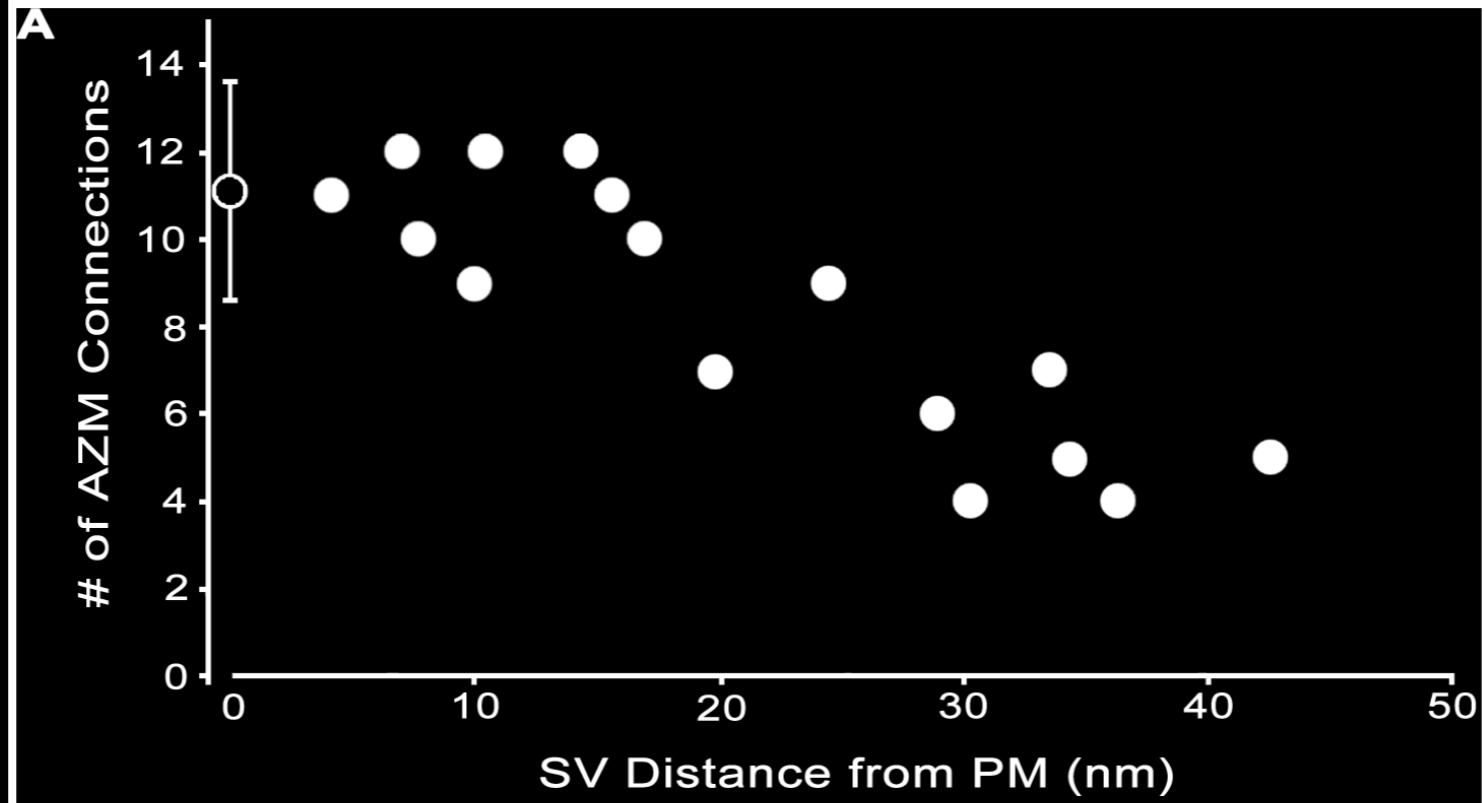






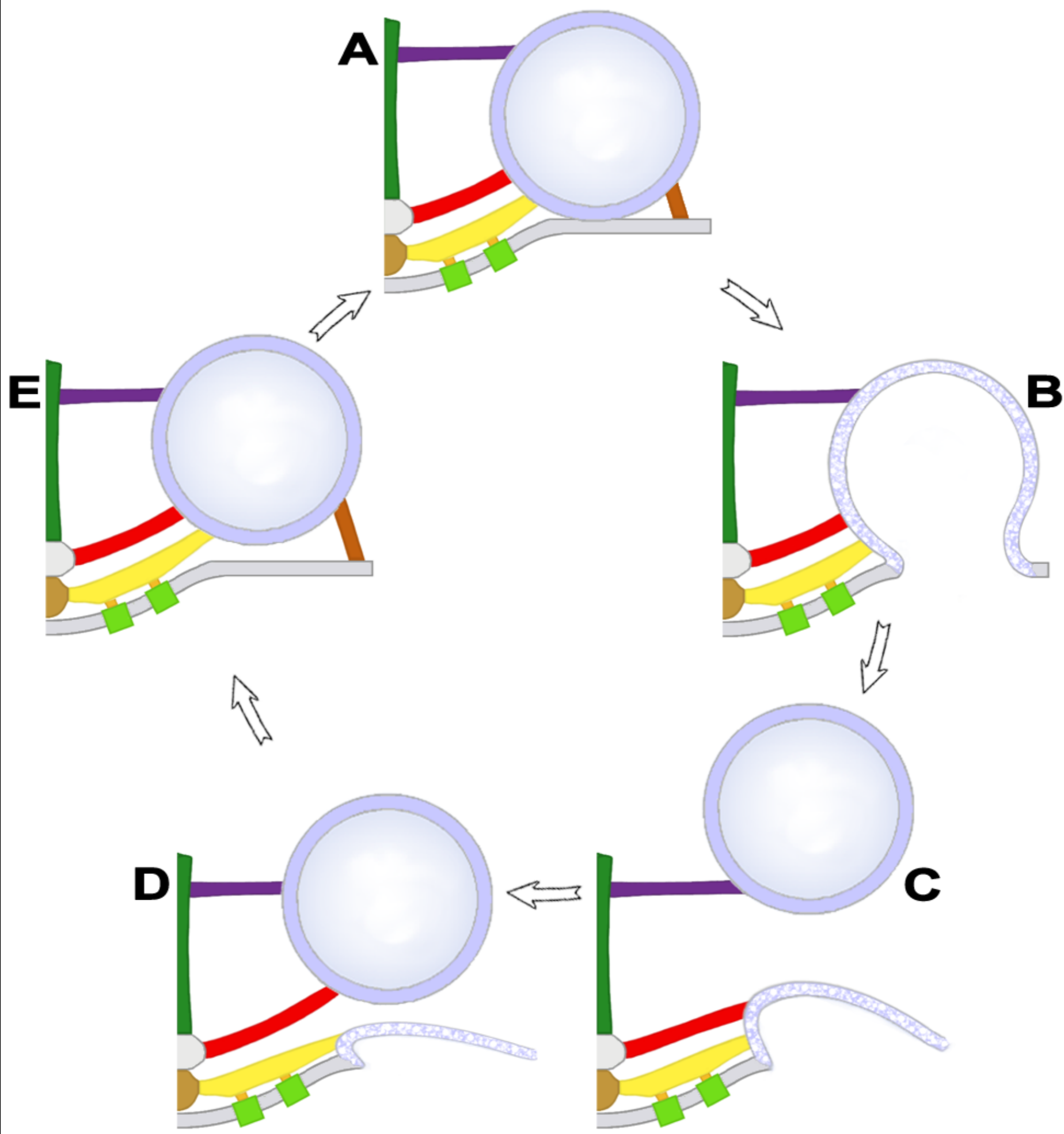


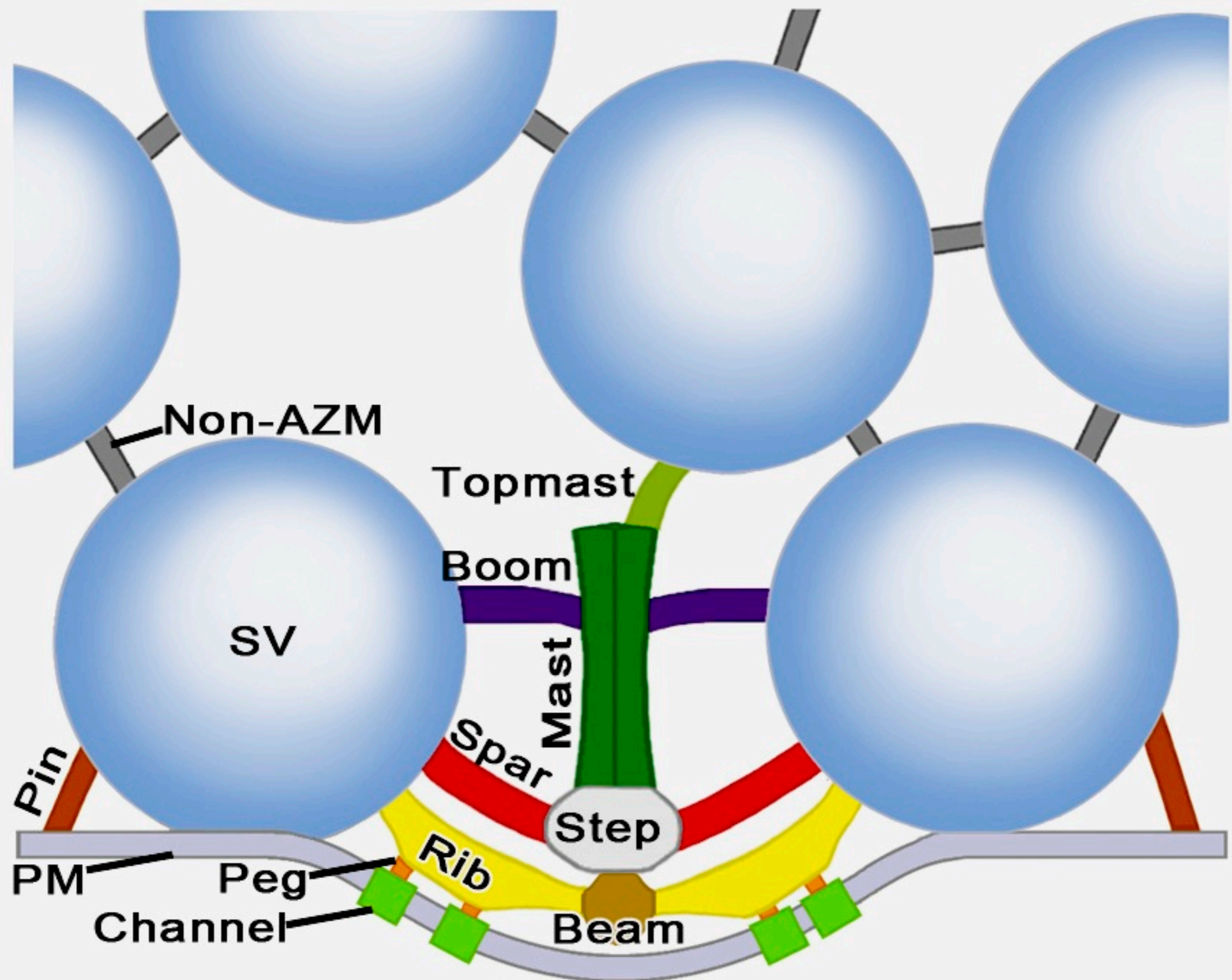




Szule, Harlow, Jung, De-Miguel, Marshall, McMahan (2012) PLoS ONE 7(3): e33333.

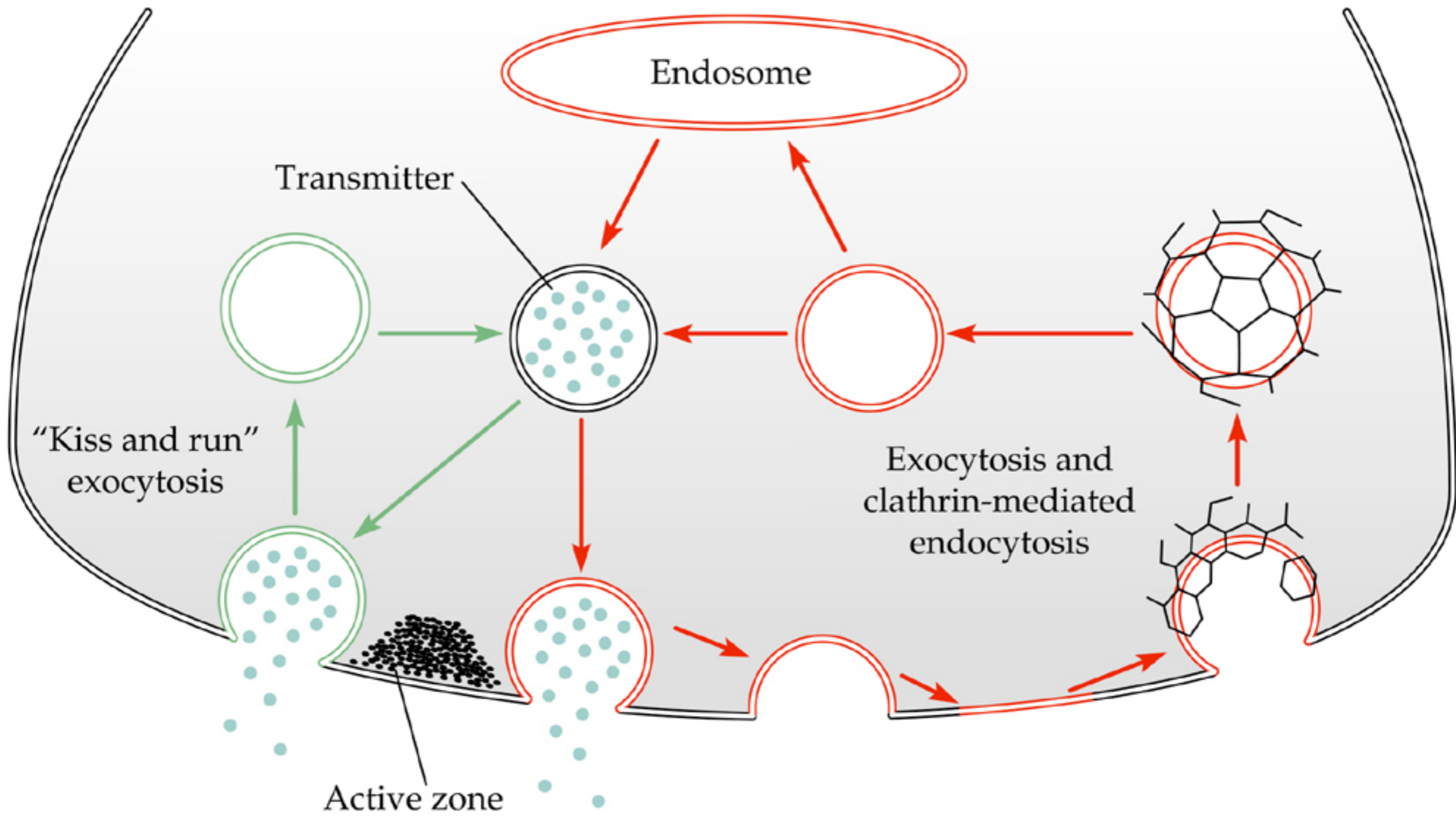




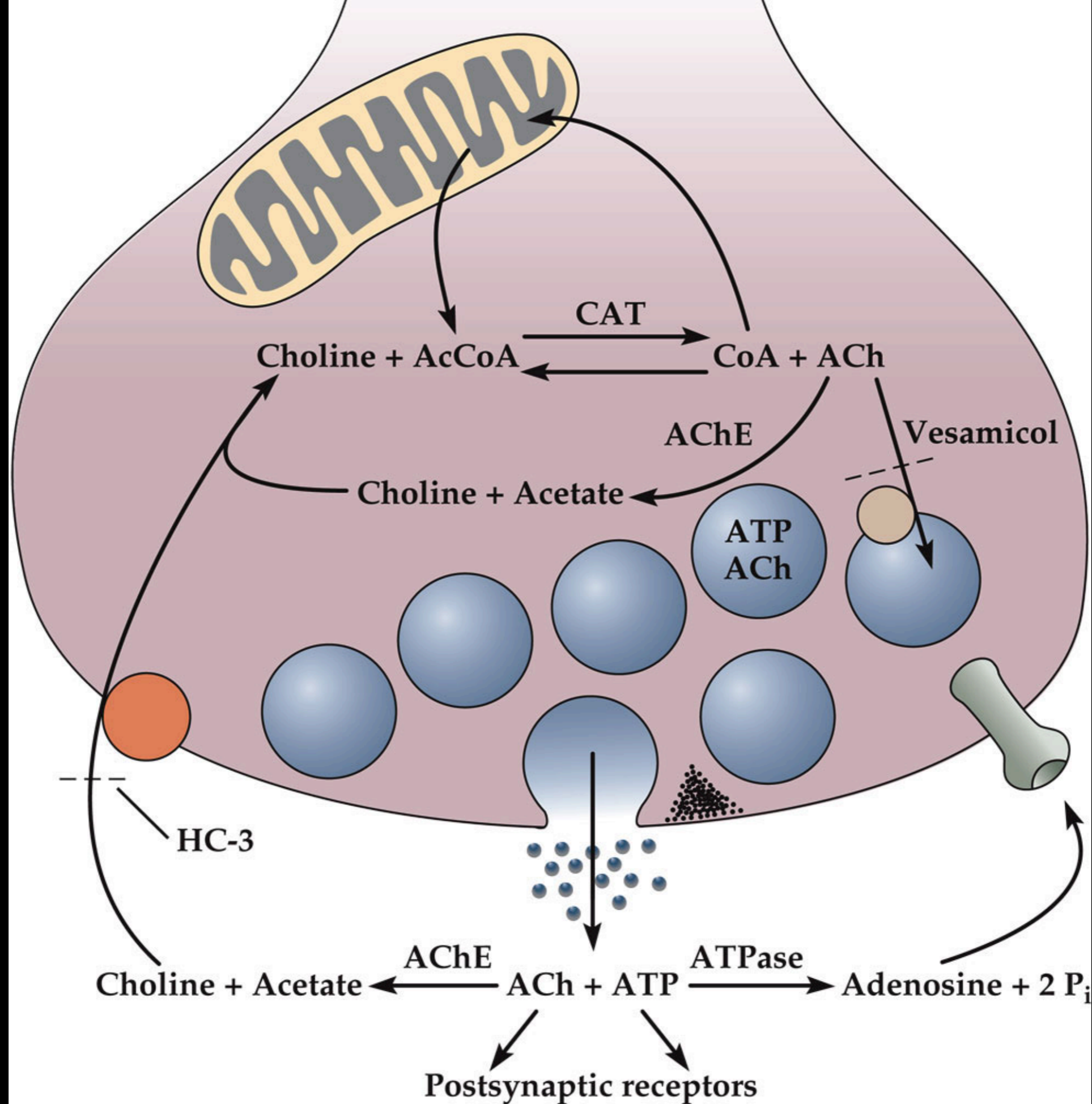




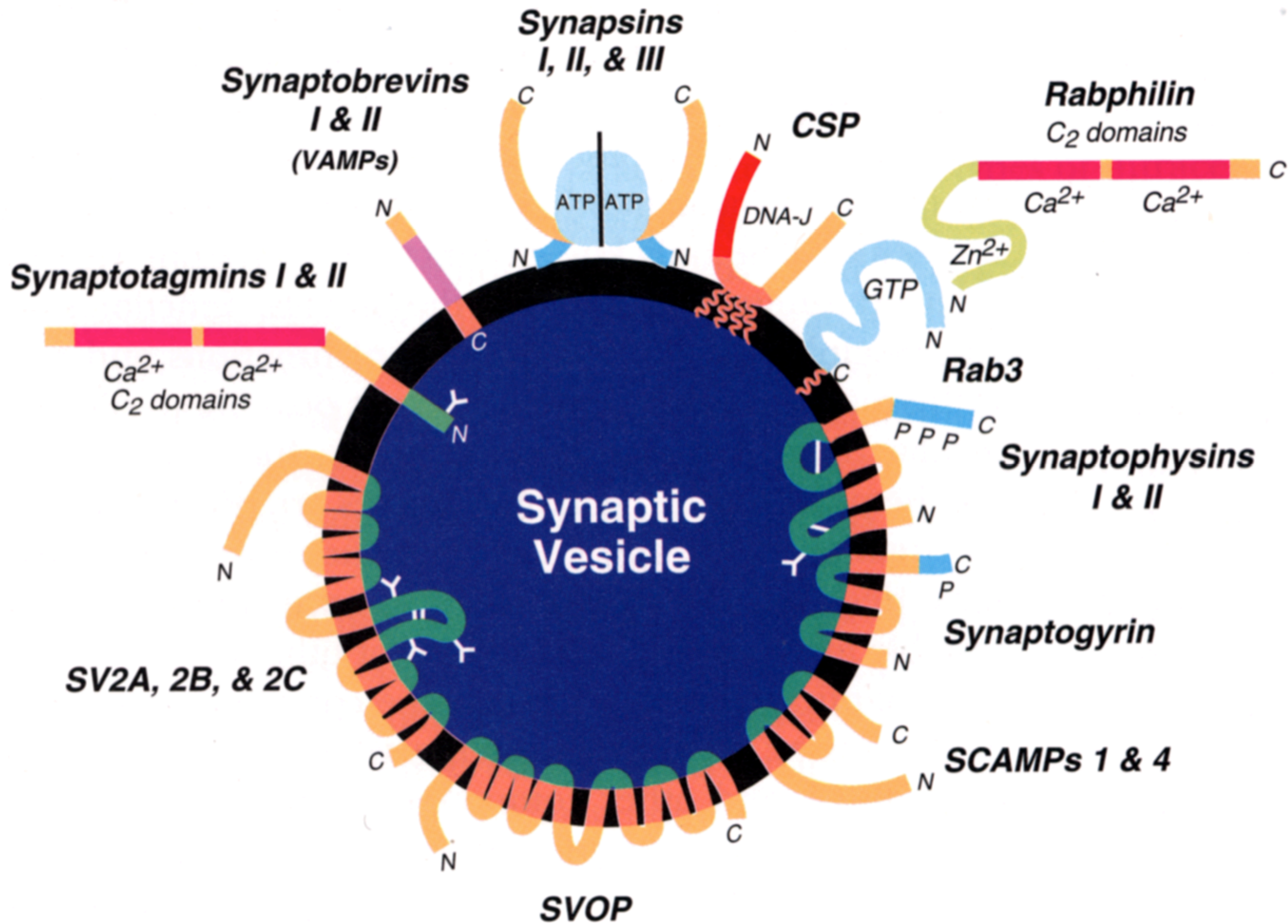






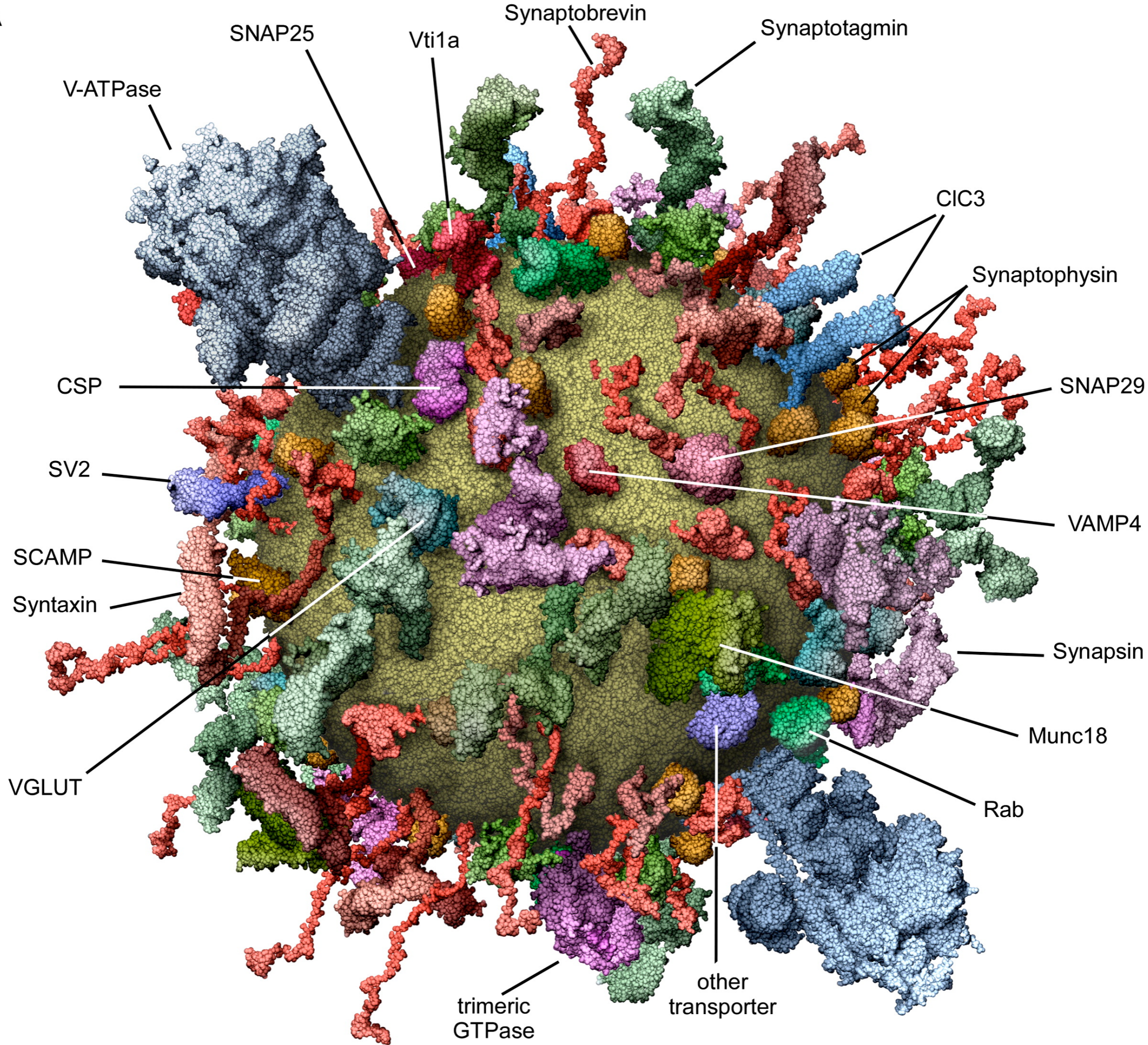


FROM NEURON TO BRAIN 5e, Figure 15.3

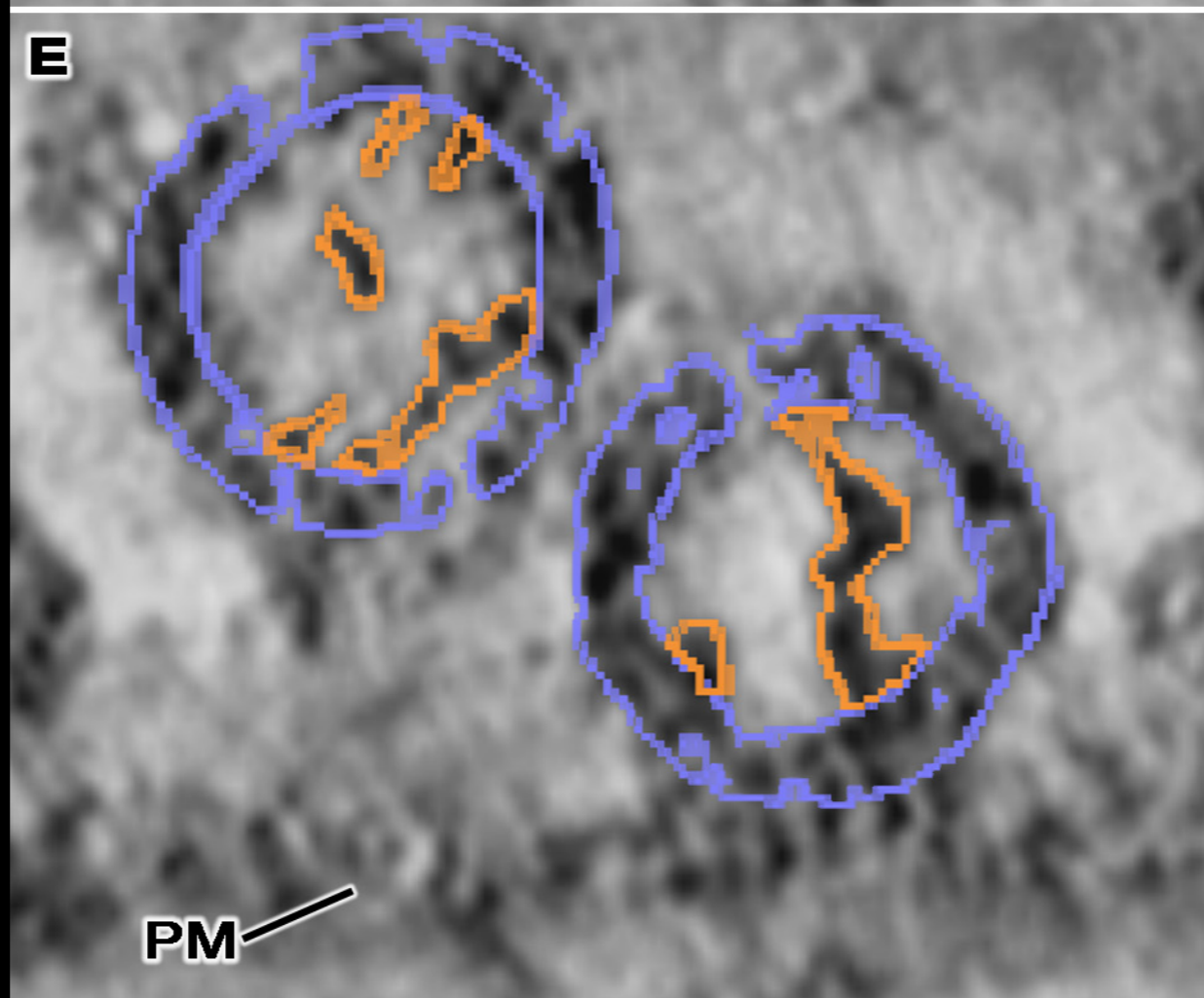
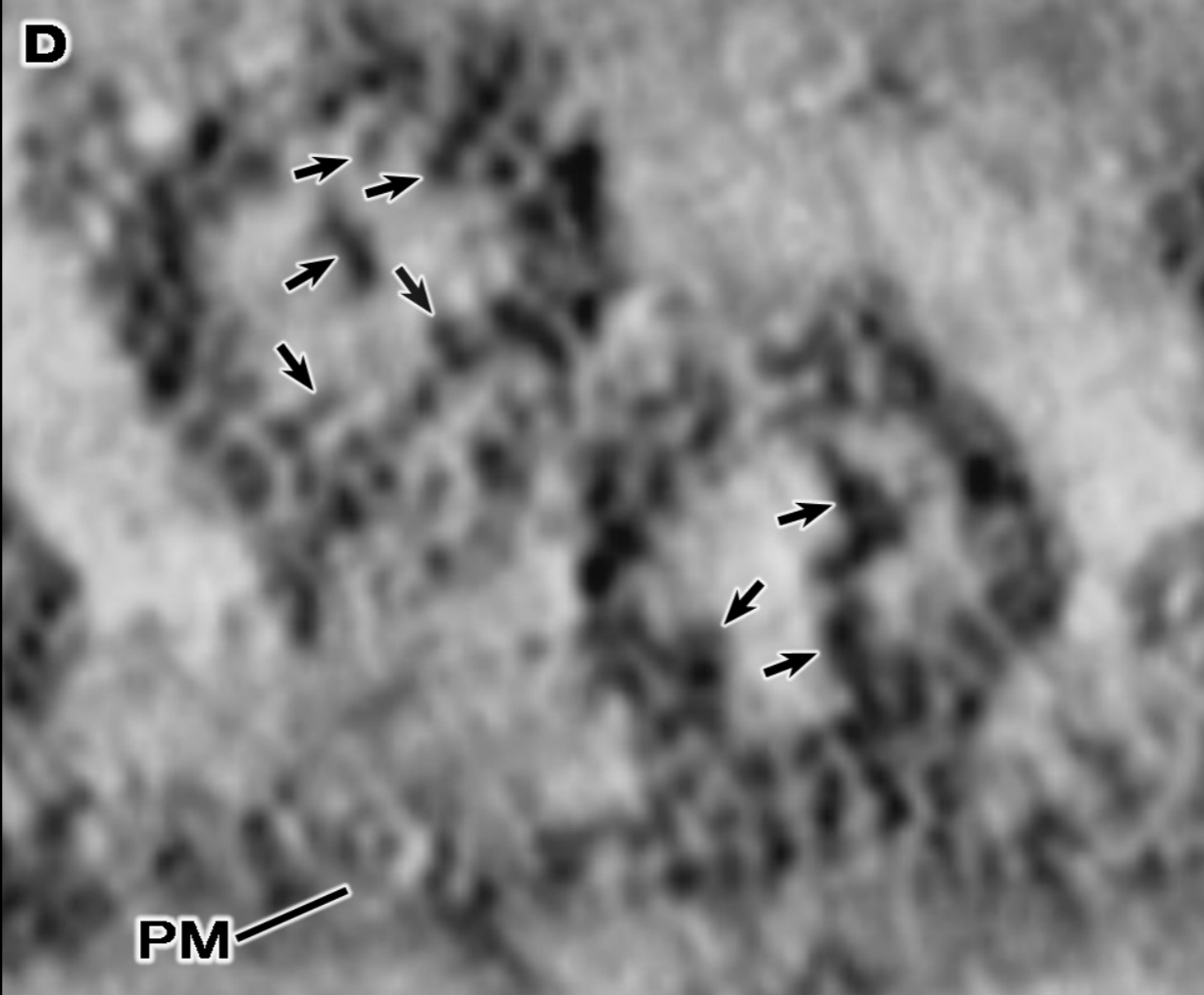




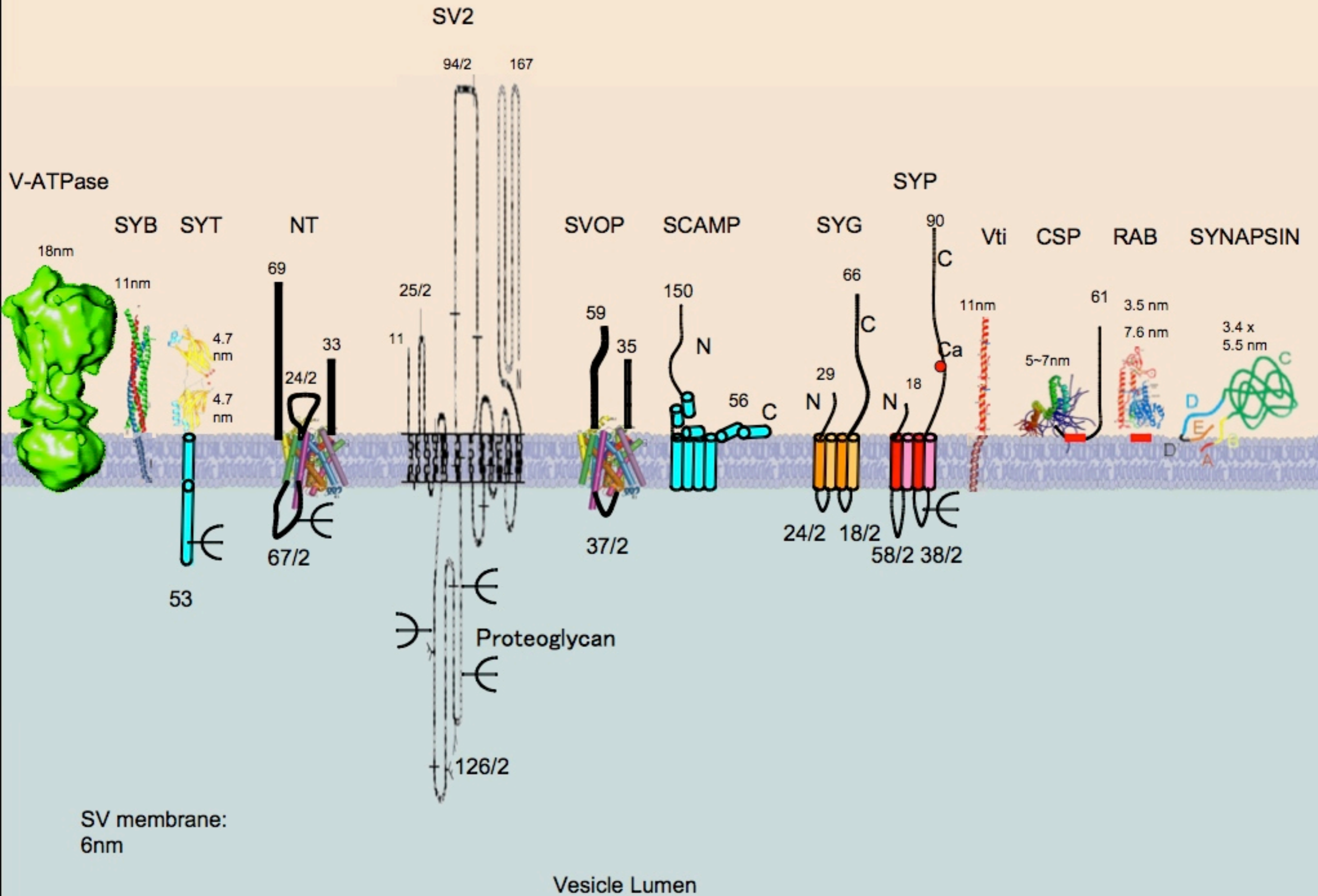
A



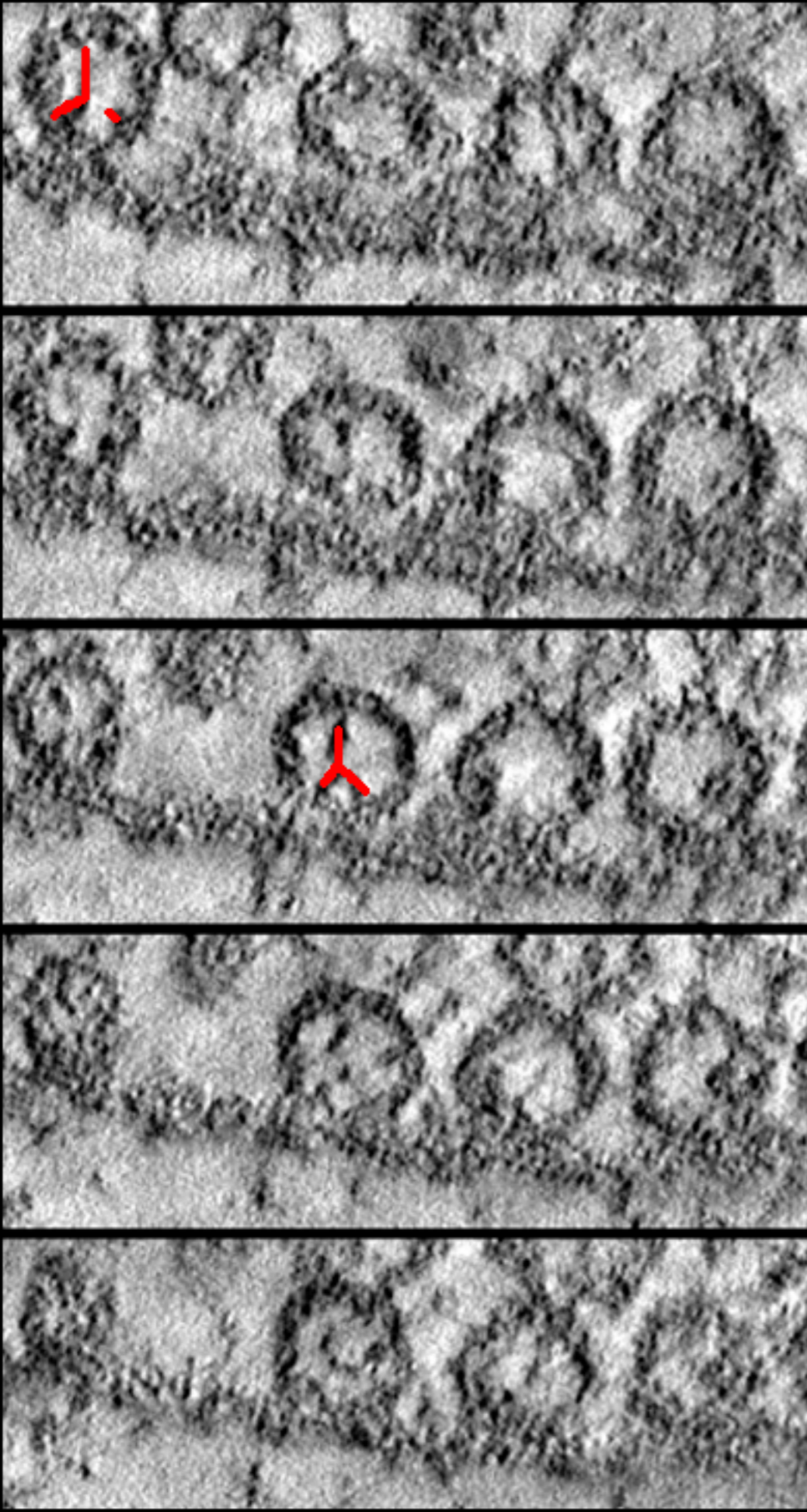








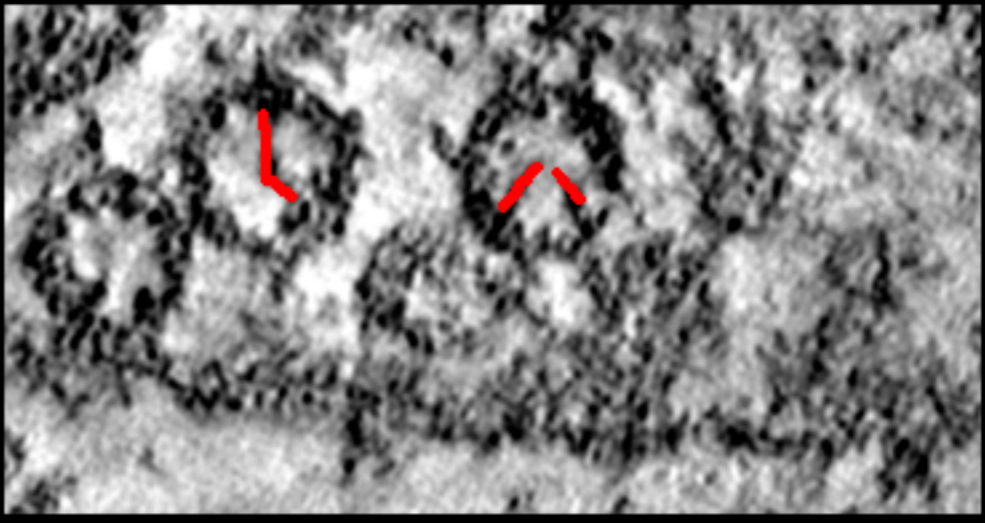
UC18



1 2 3 4 5

6

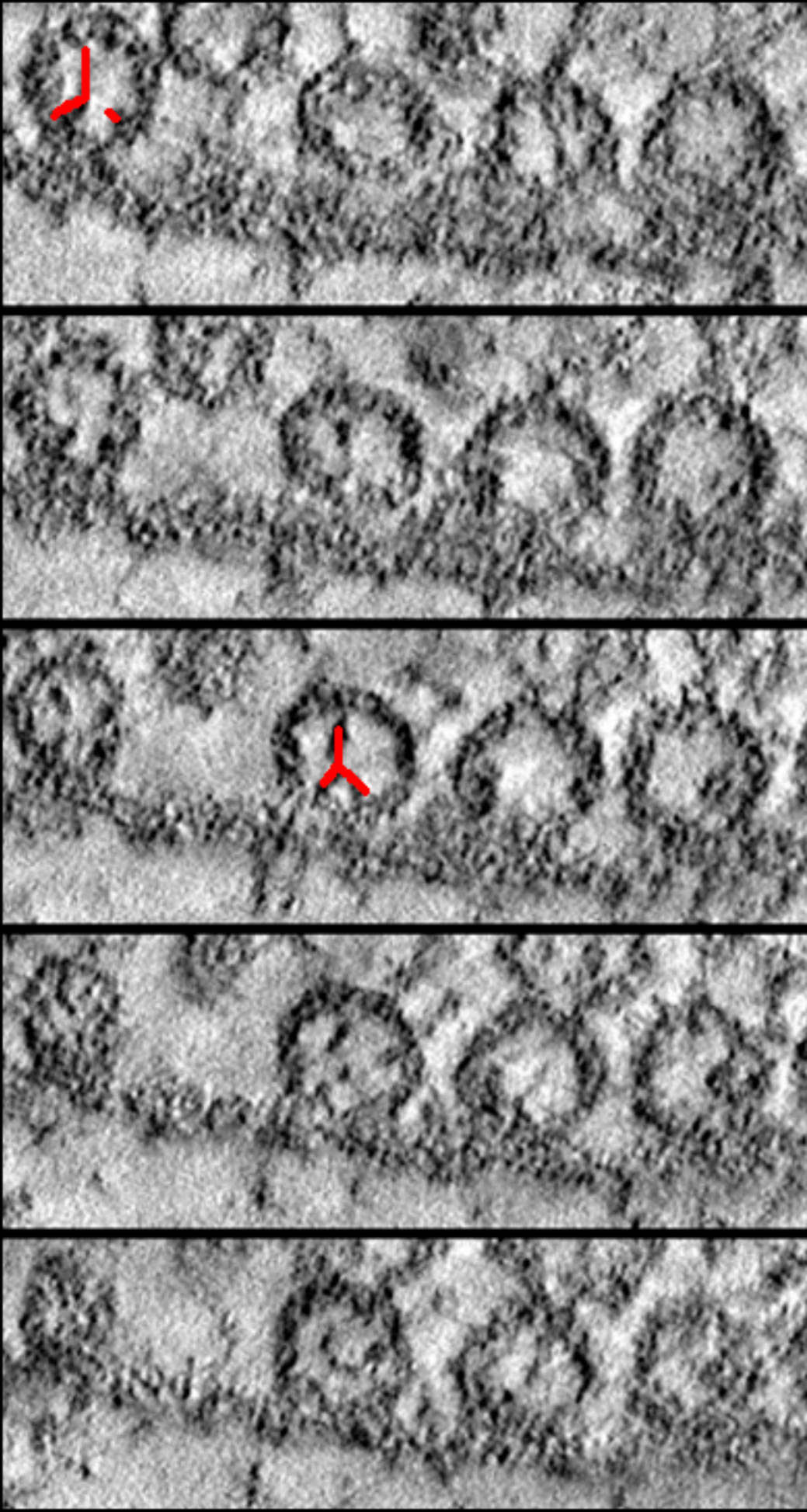
7



Harlow ML, Szule JA, Xu J, Jung JH, Marshall RM, McMahan UJ. (2013) PLoS ONE 8(7): e69410. doi:10.1371/journal.pone.0069410

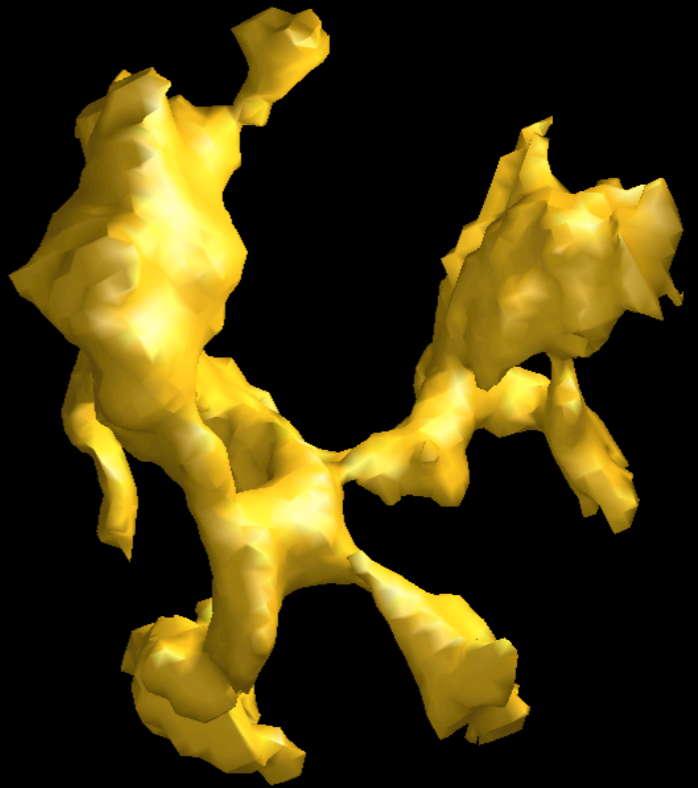
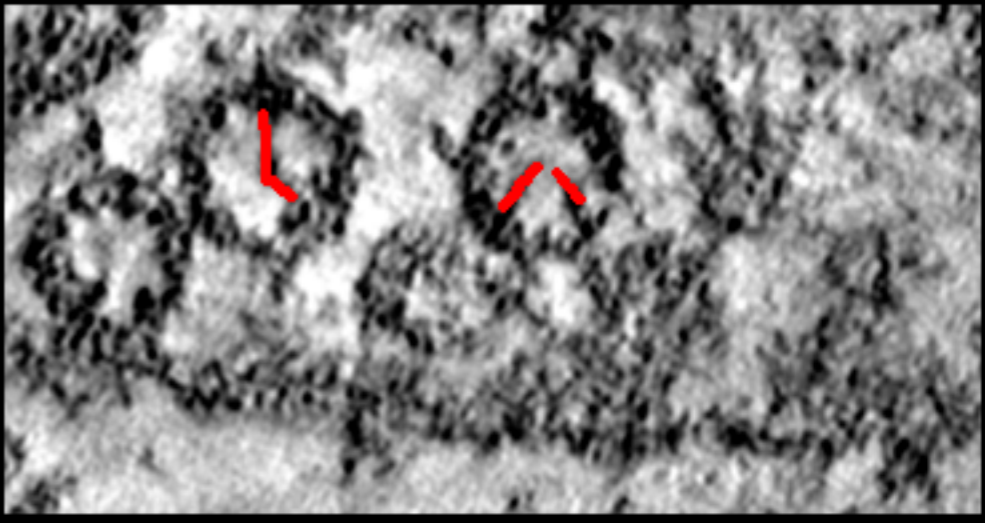


UC18



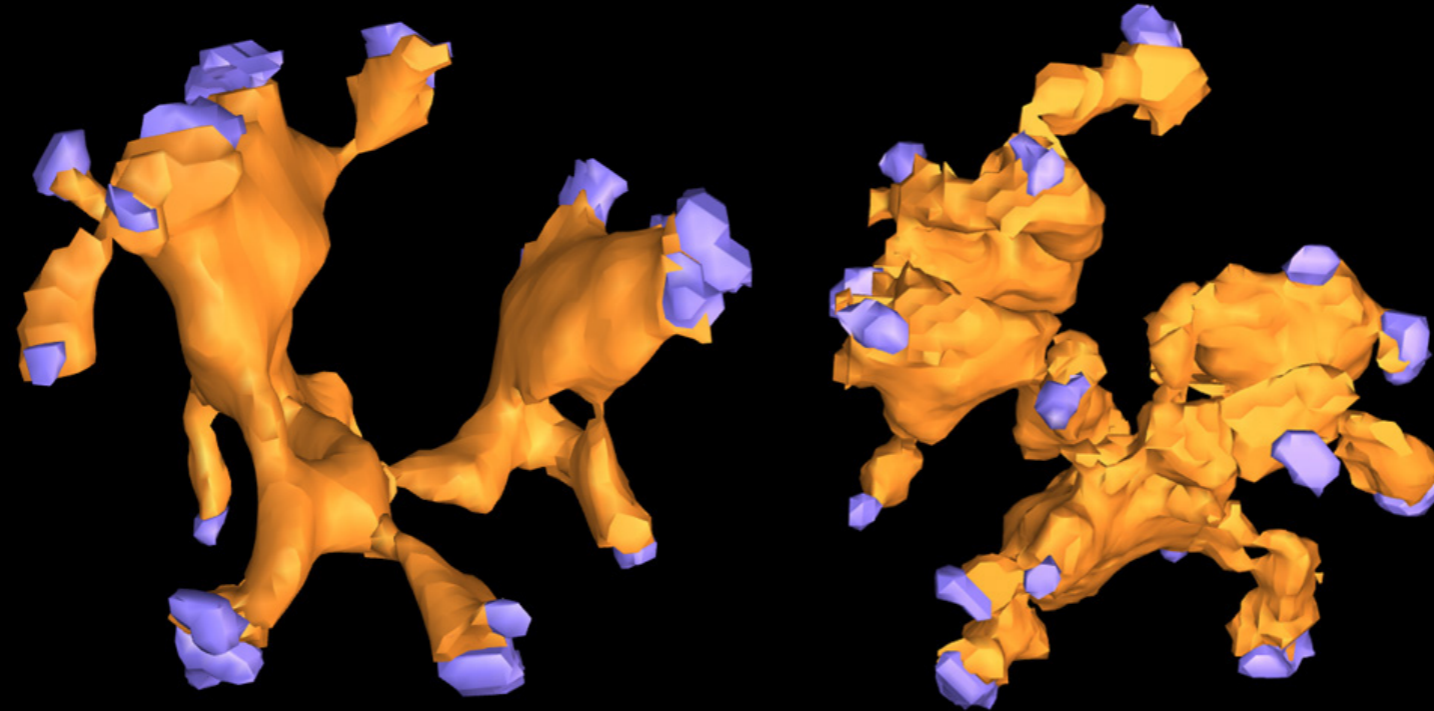
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7

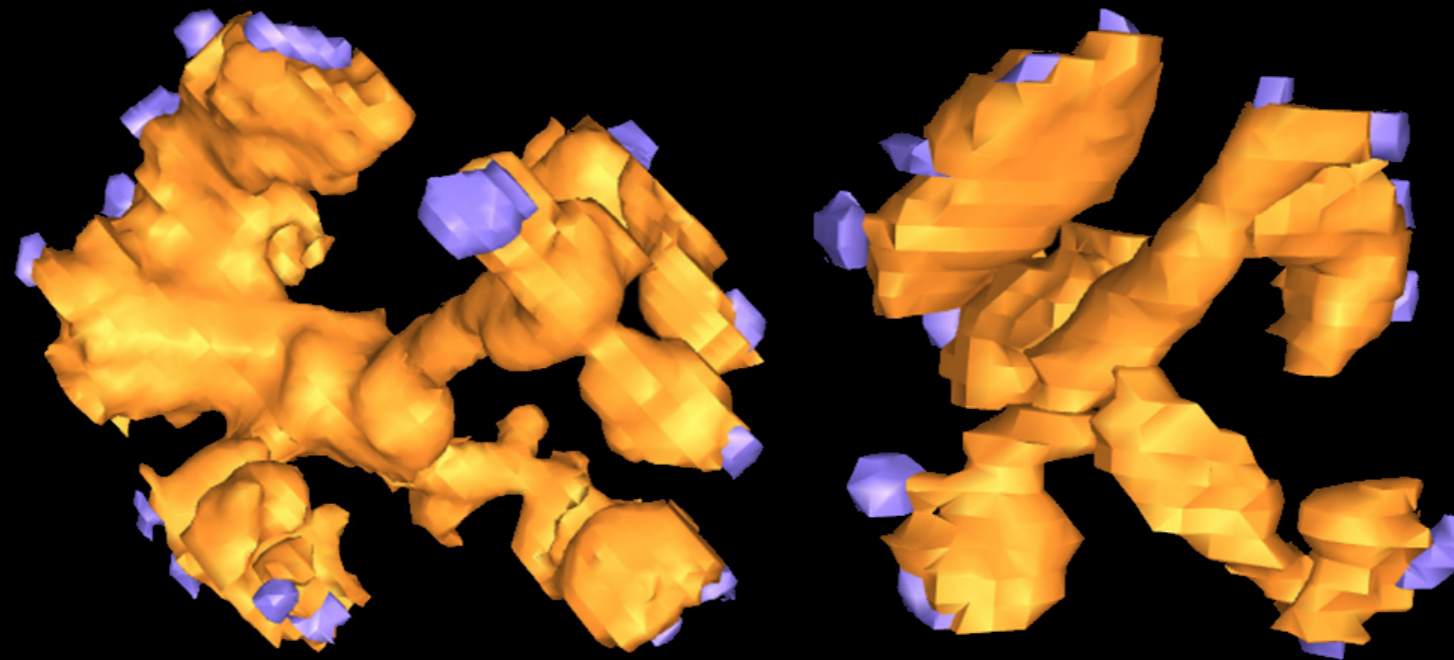


1 2 3 4 5

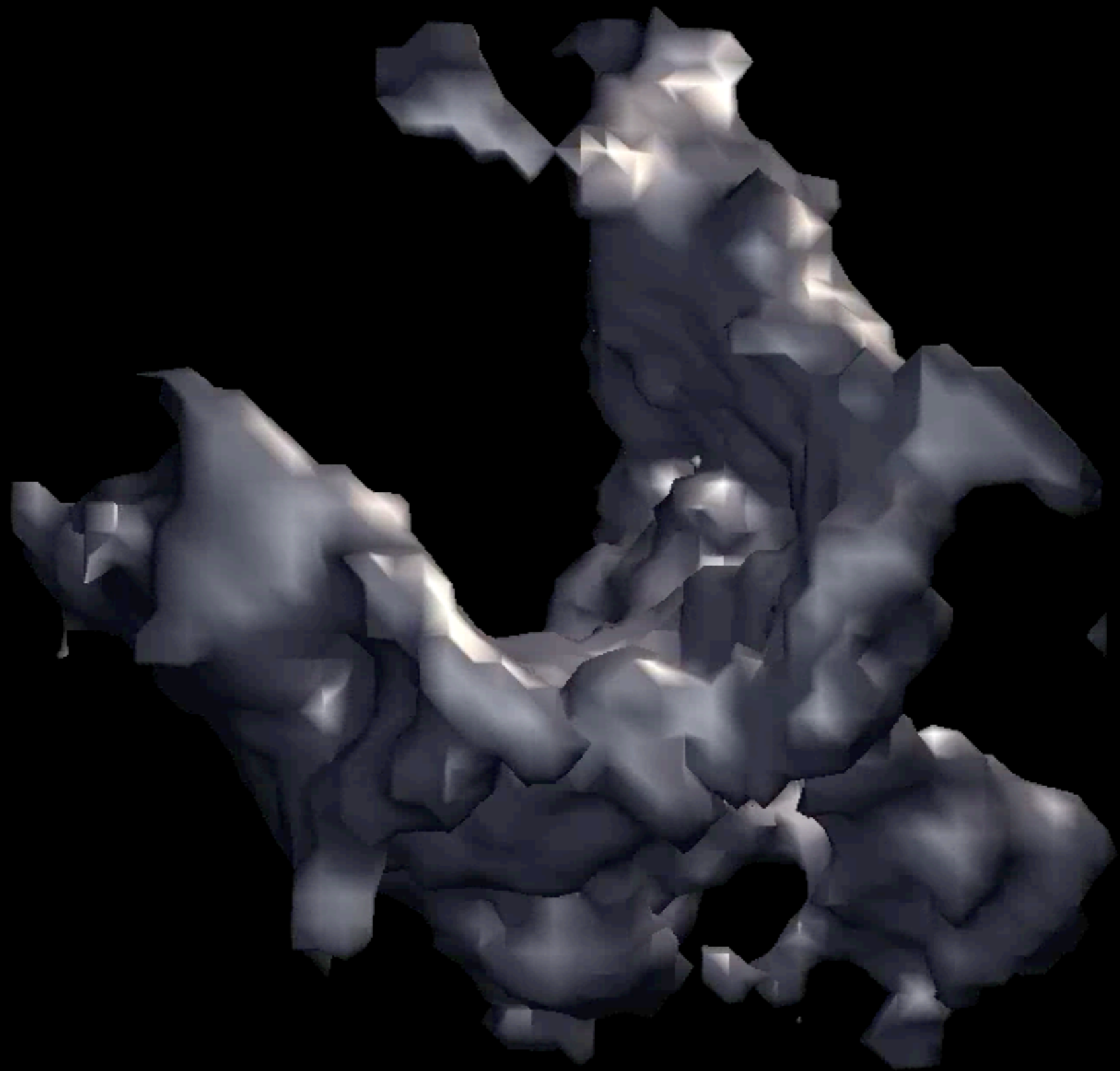
## Docked Vesicles

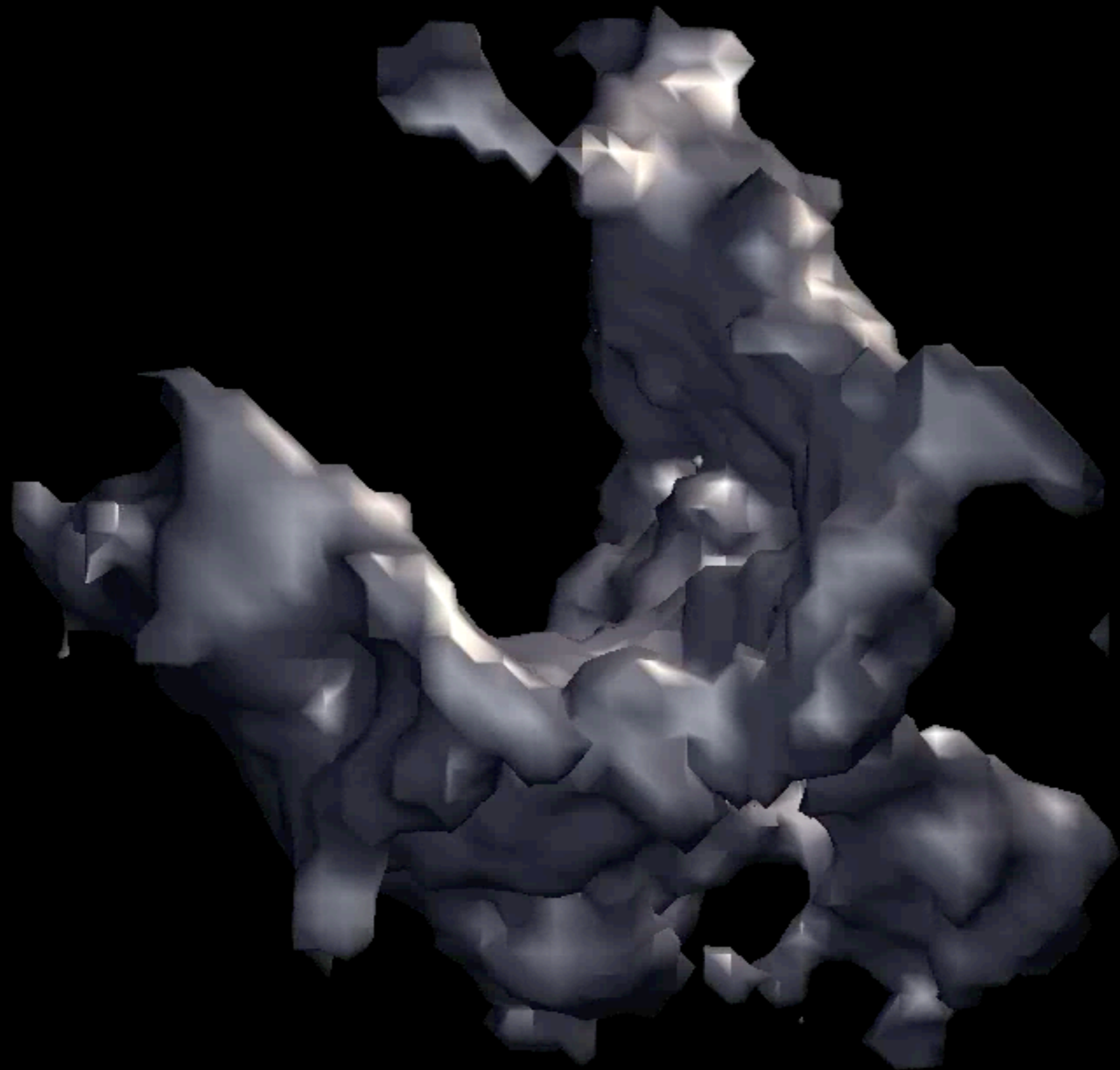


## Undocked Vesicles

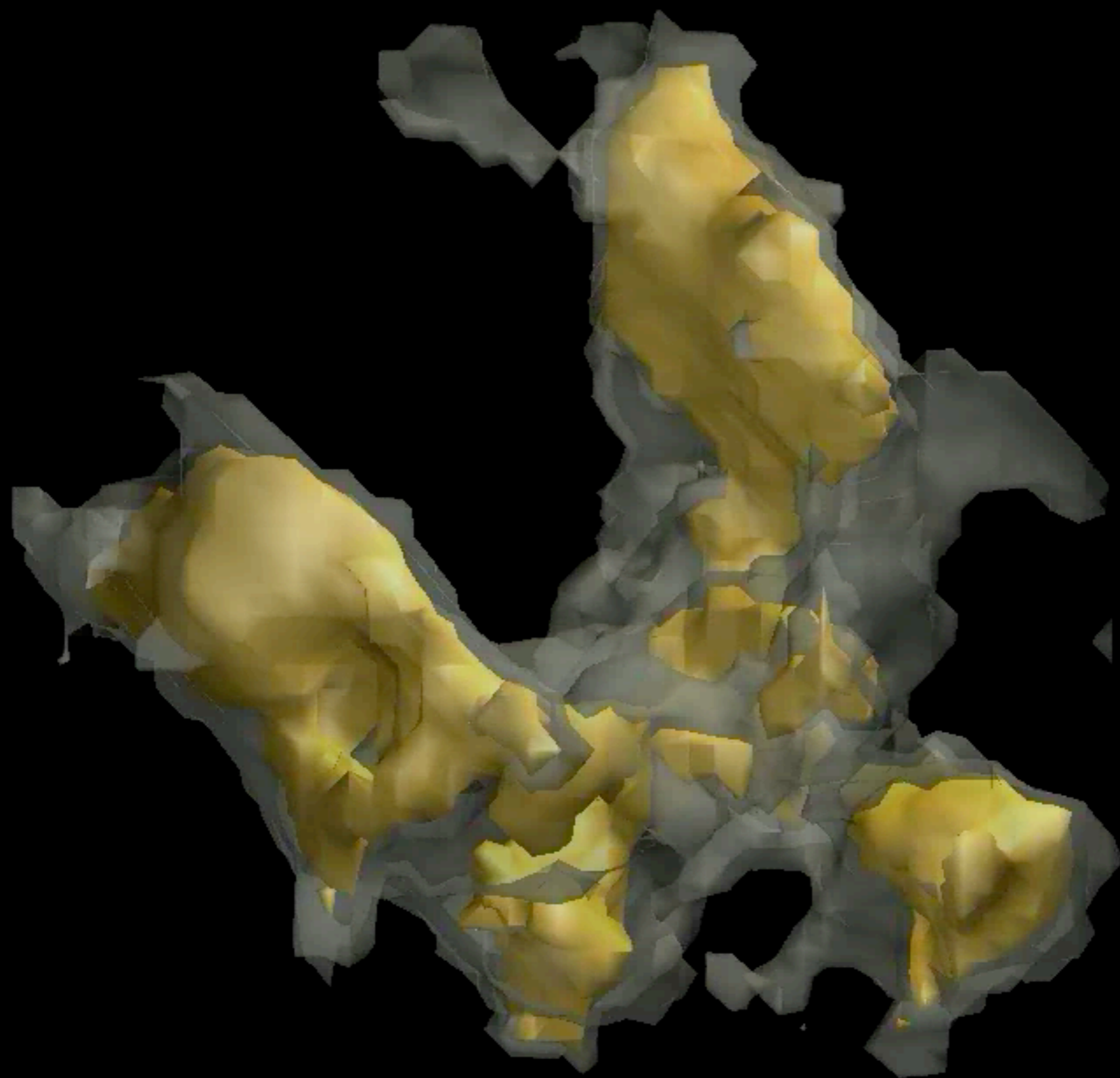


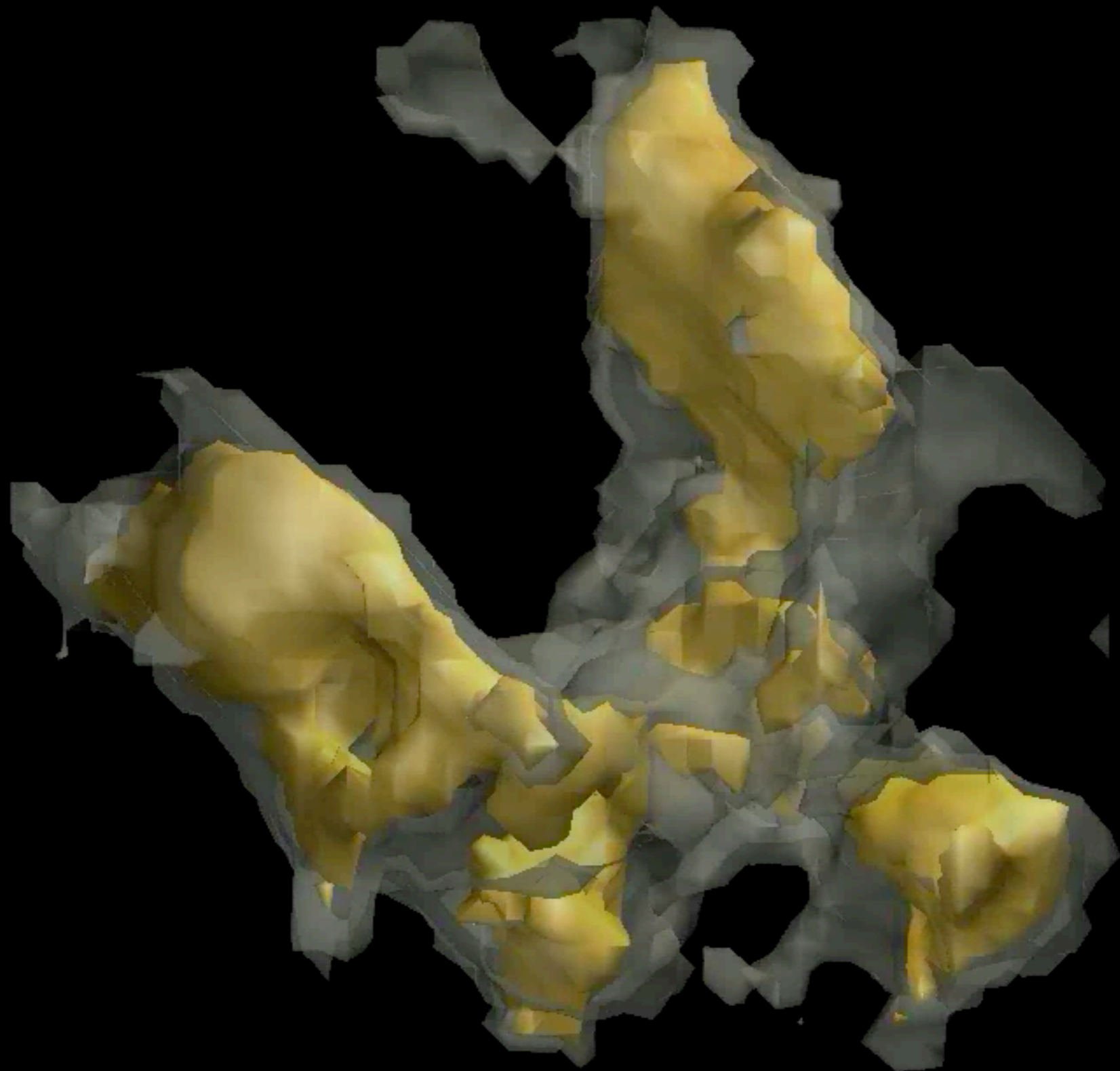






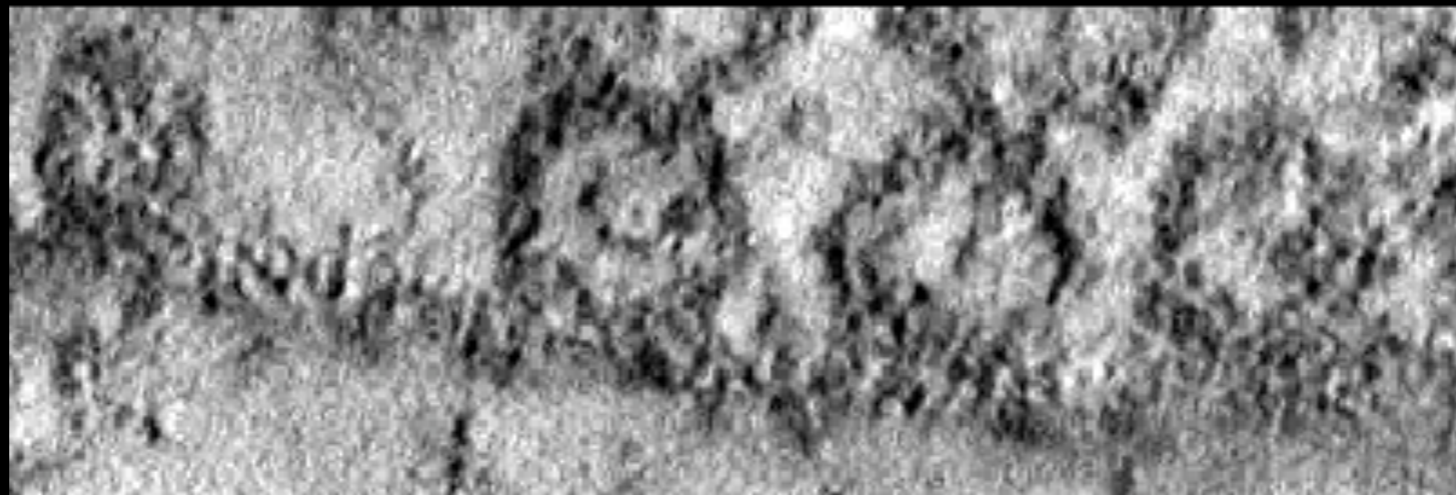








UC18

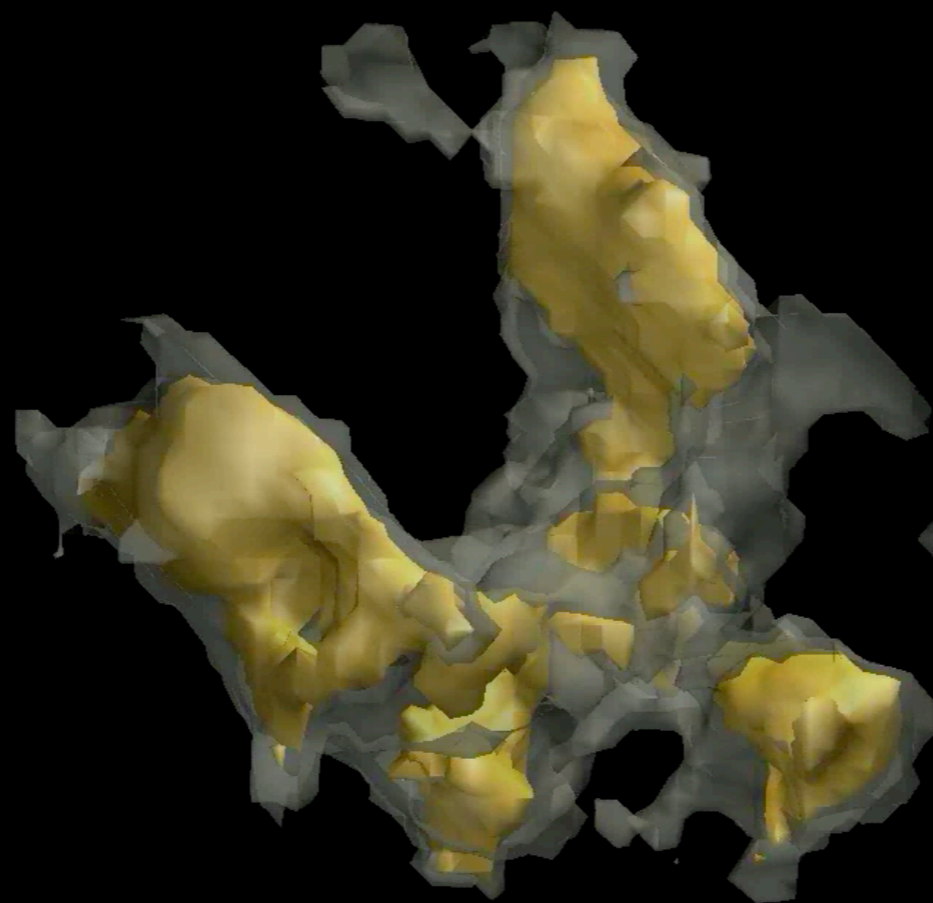


1

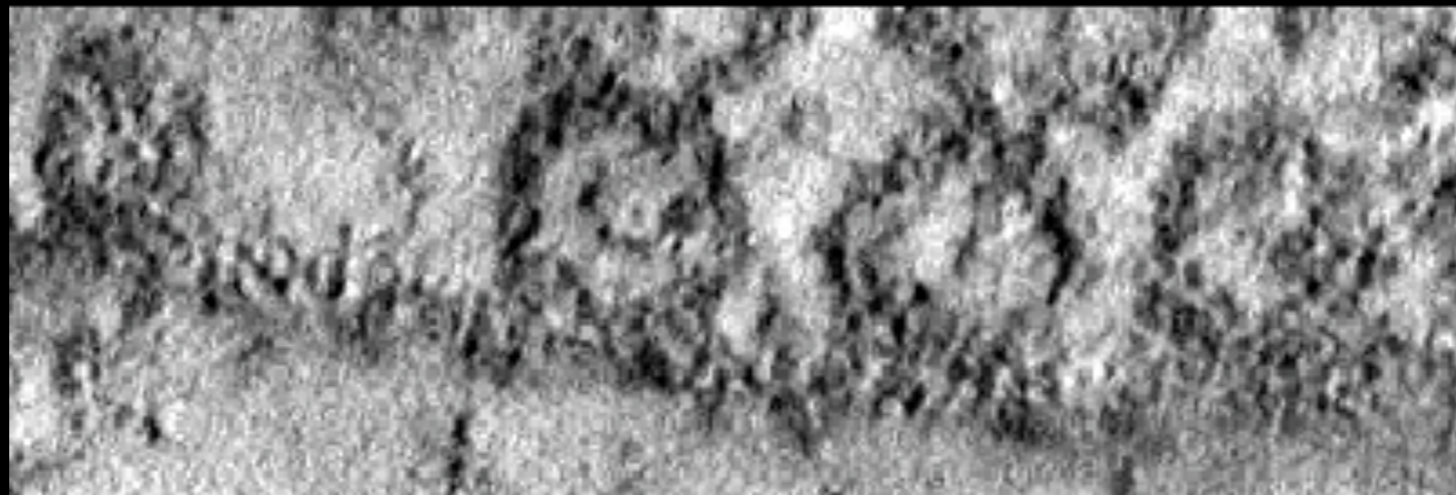
3

4

5



UC18

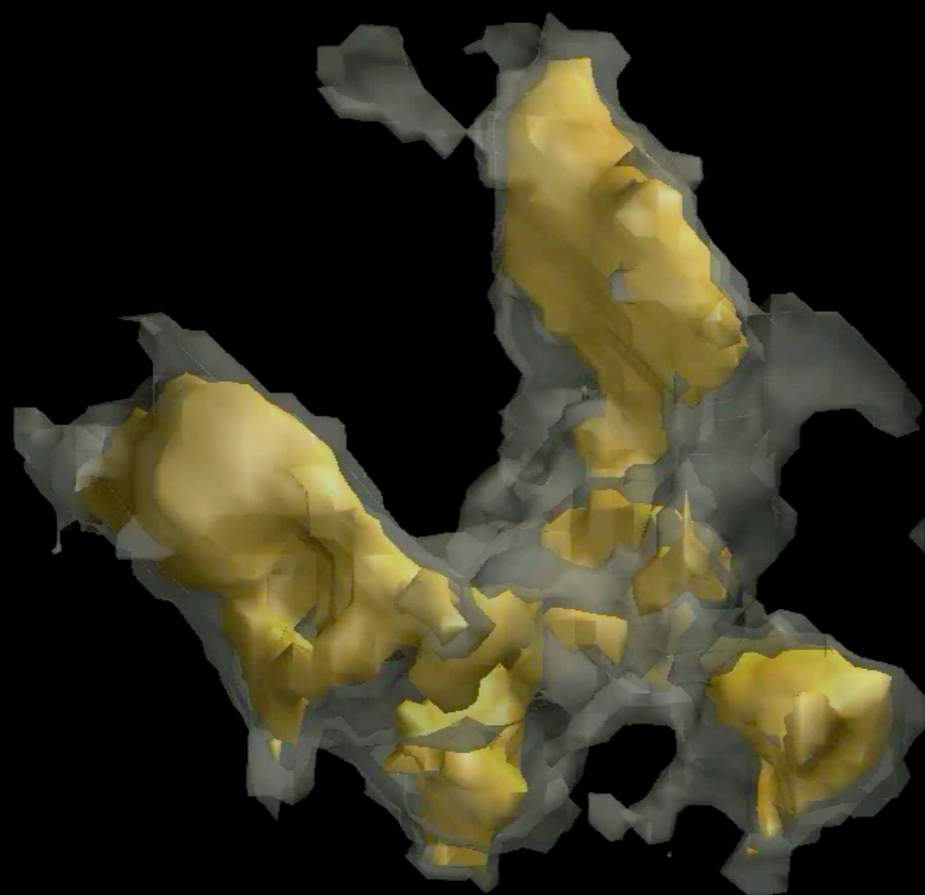


1

3

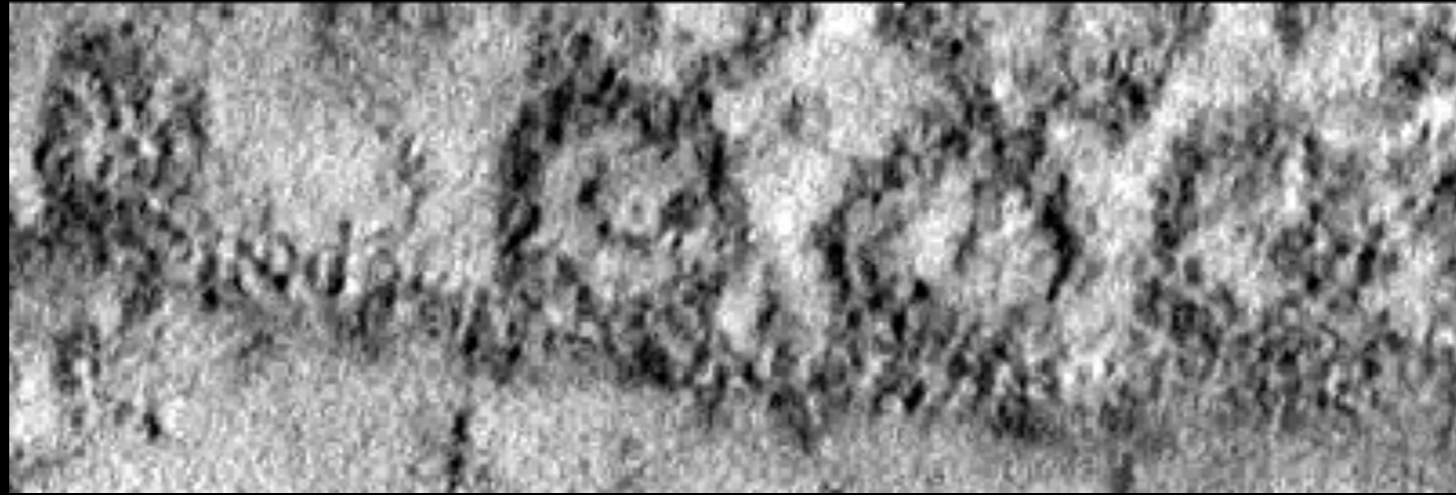
4

5

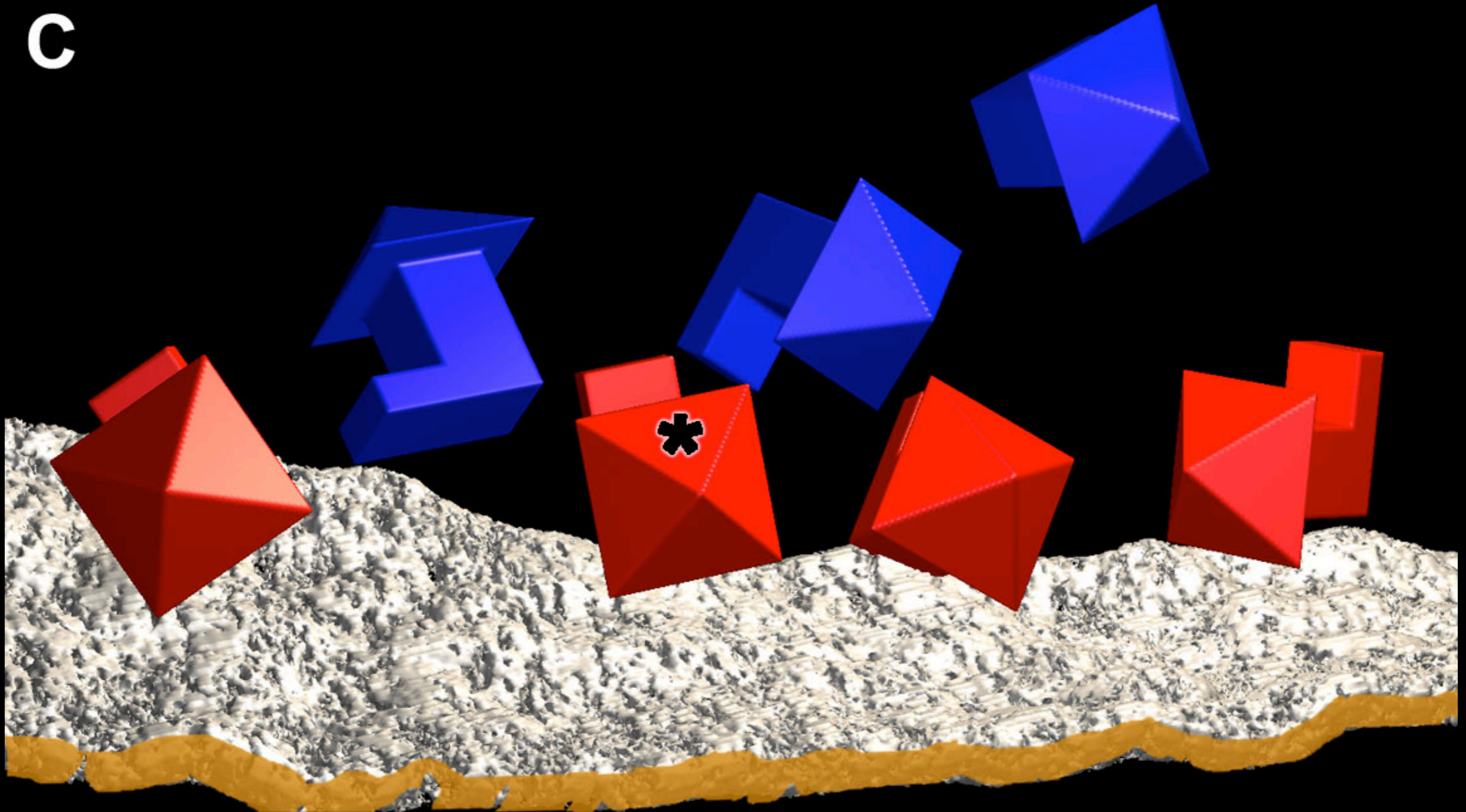




UC18

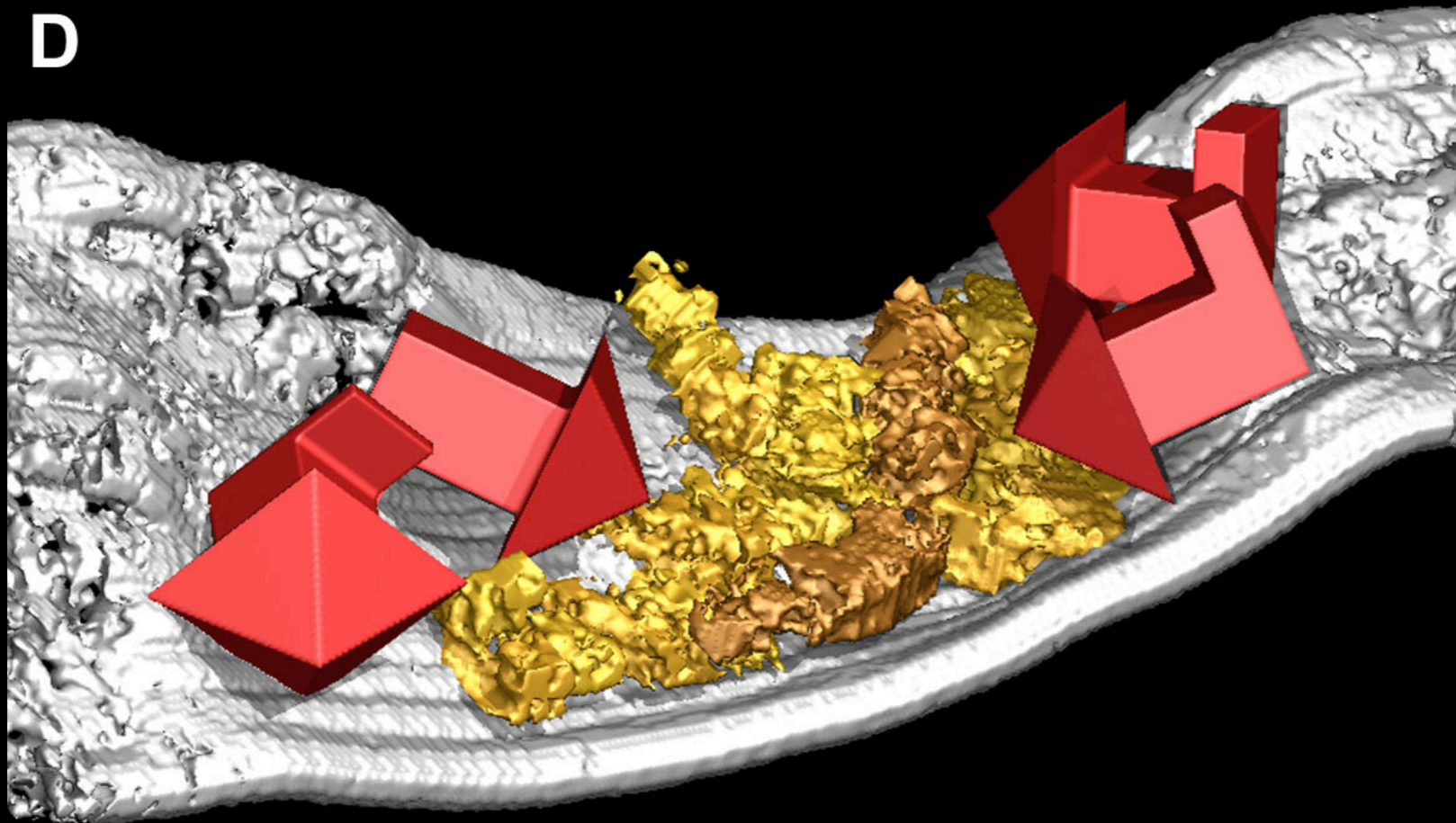


C

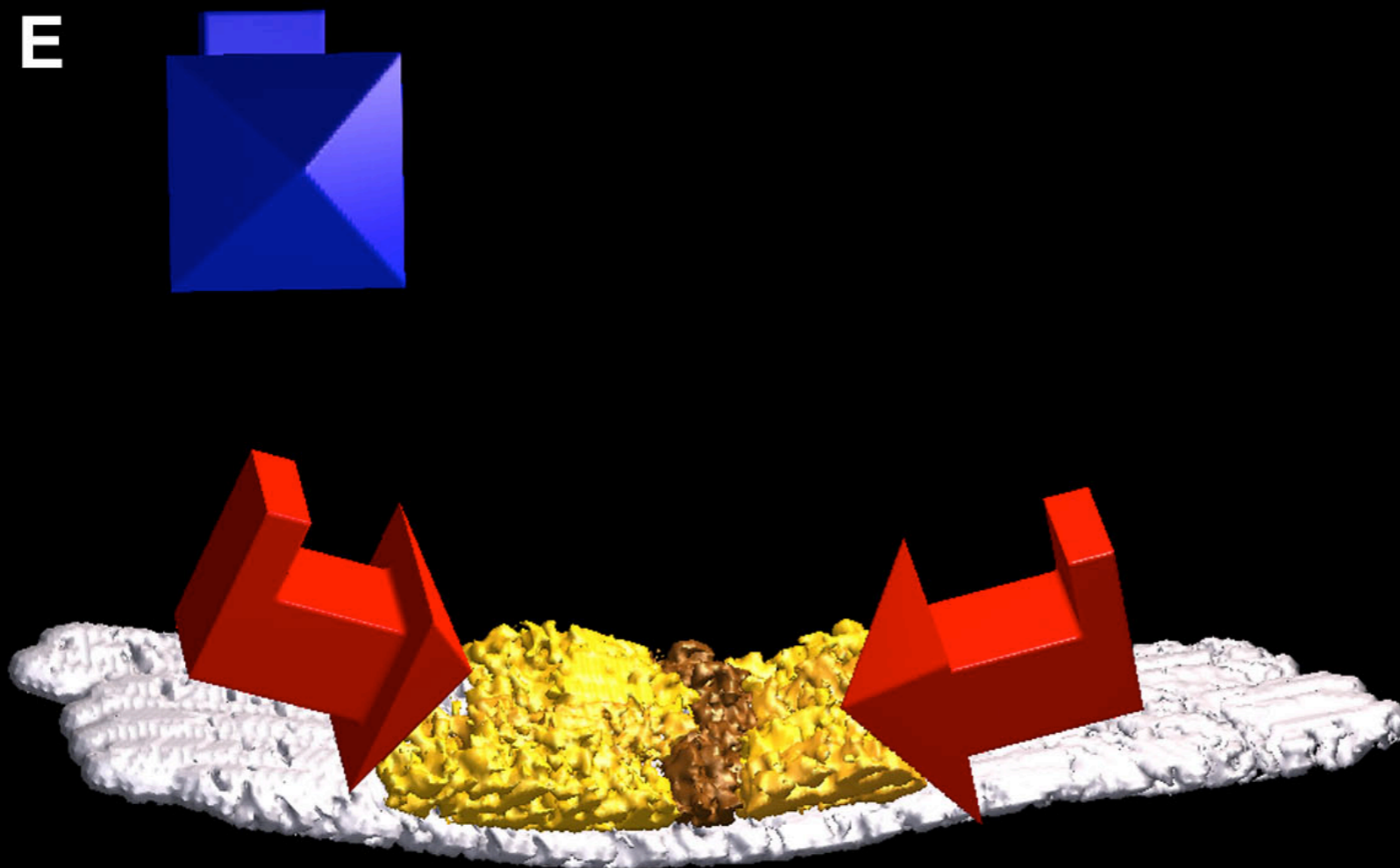




D

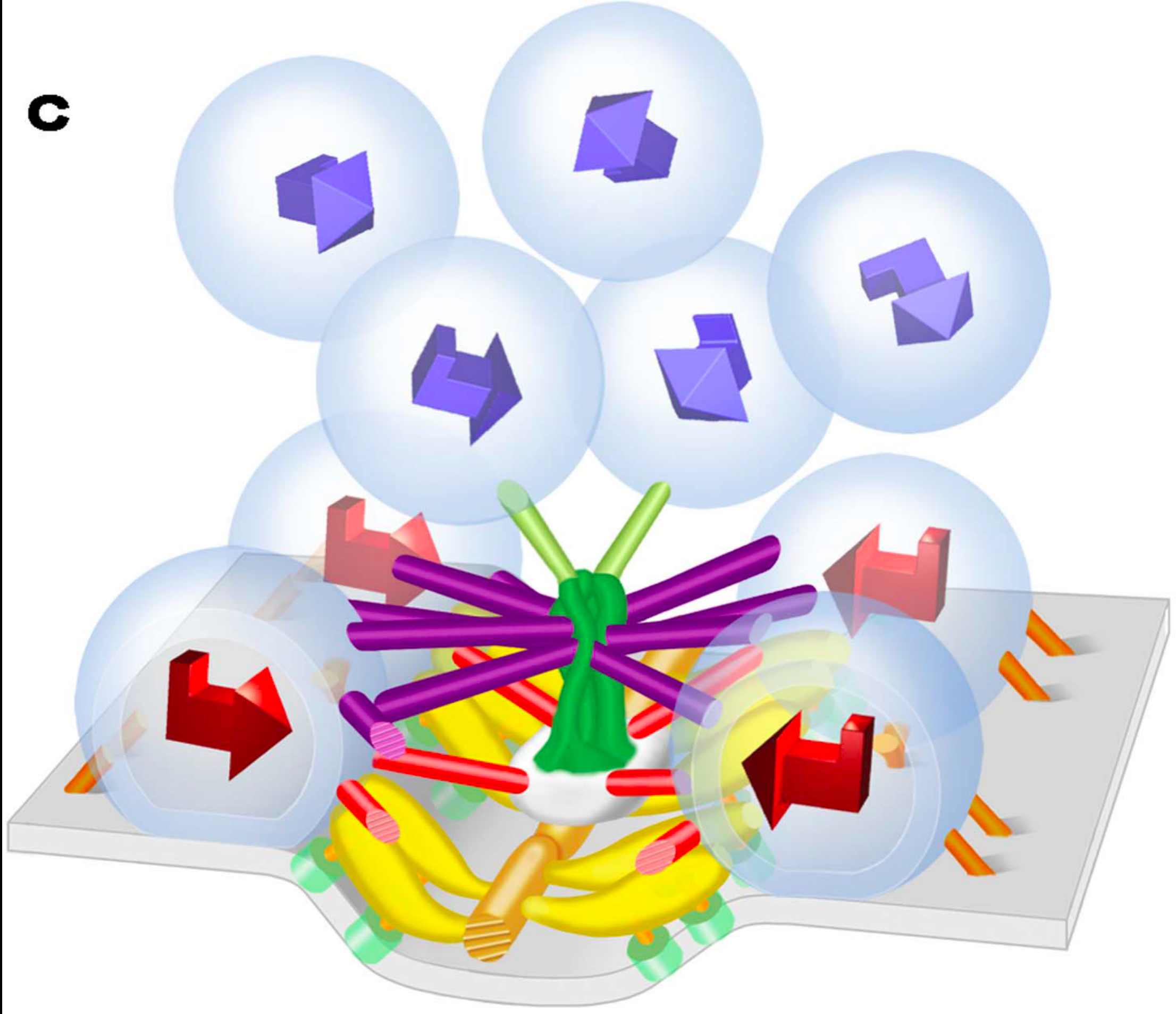


E

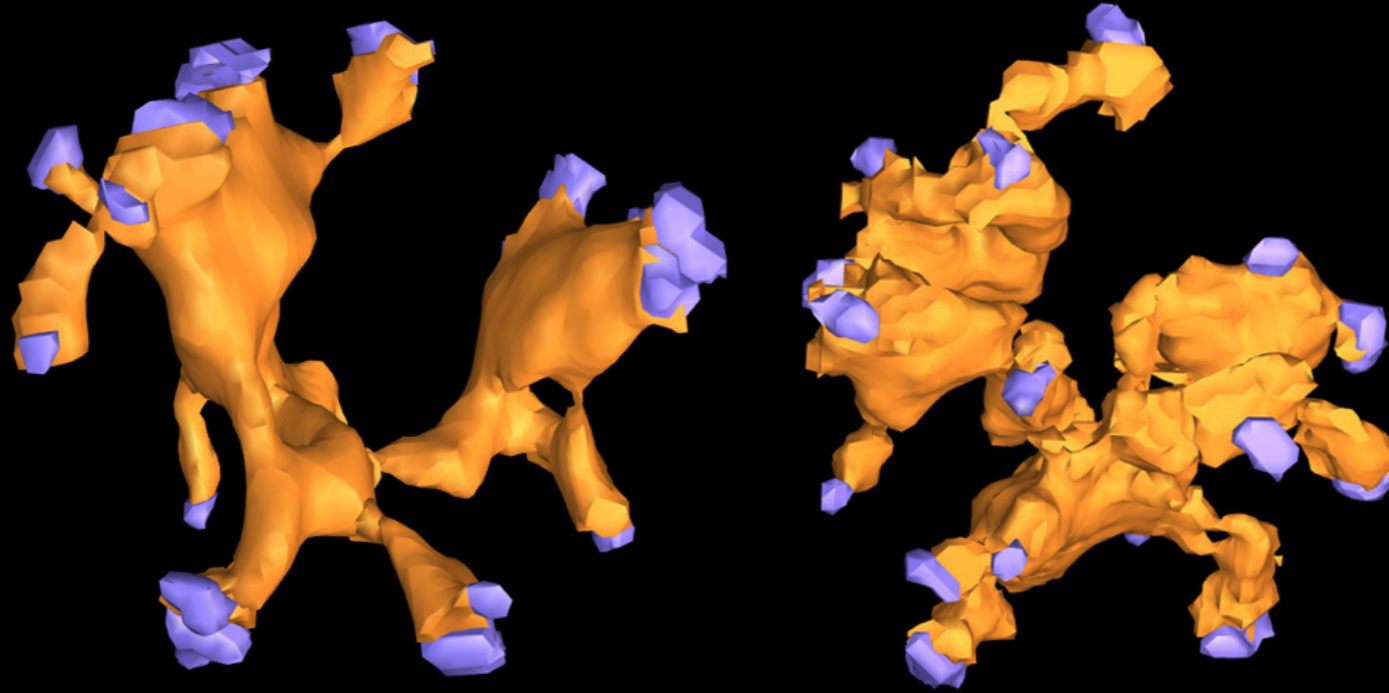




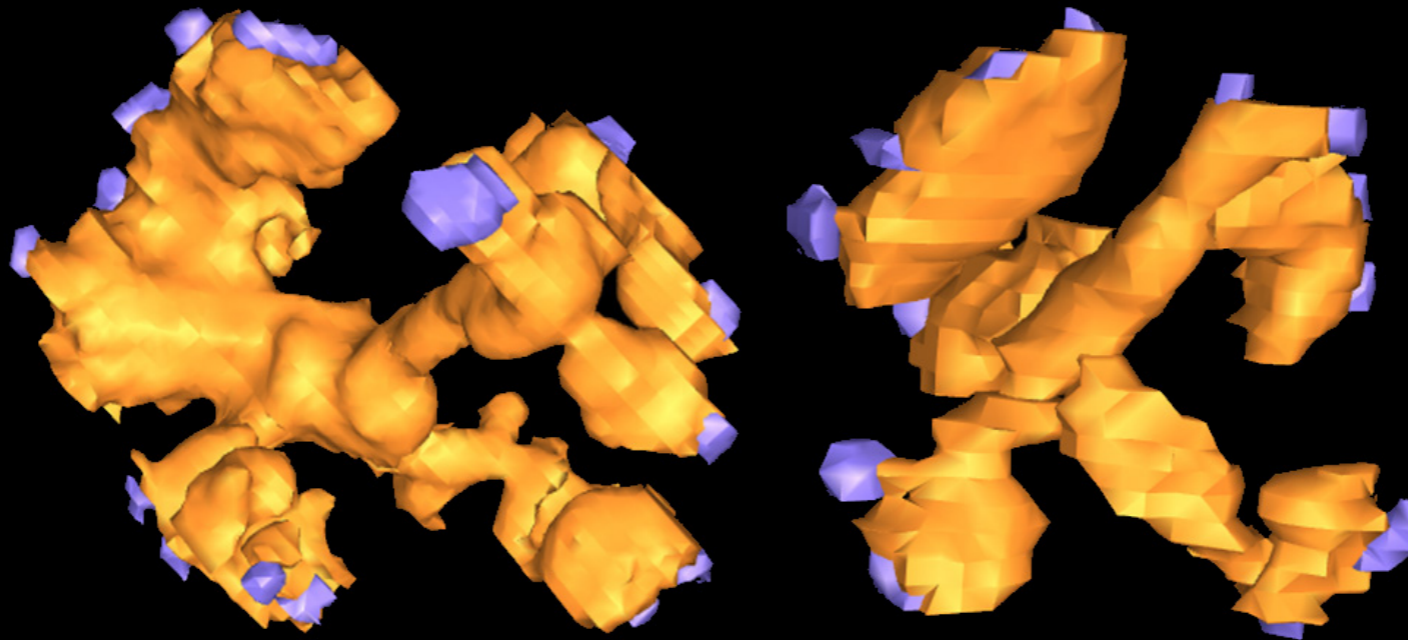
**C**



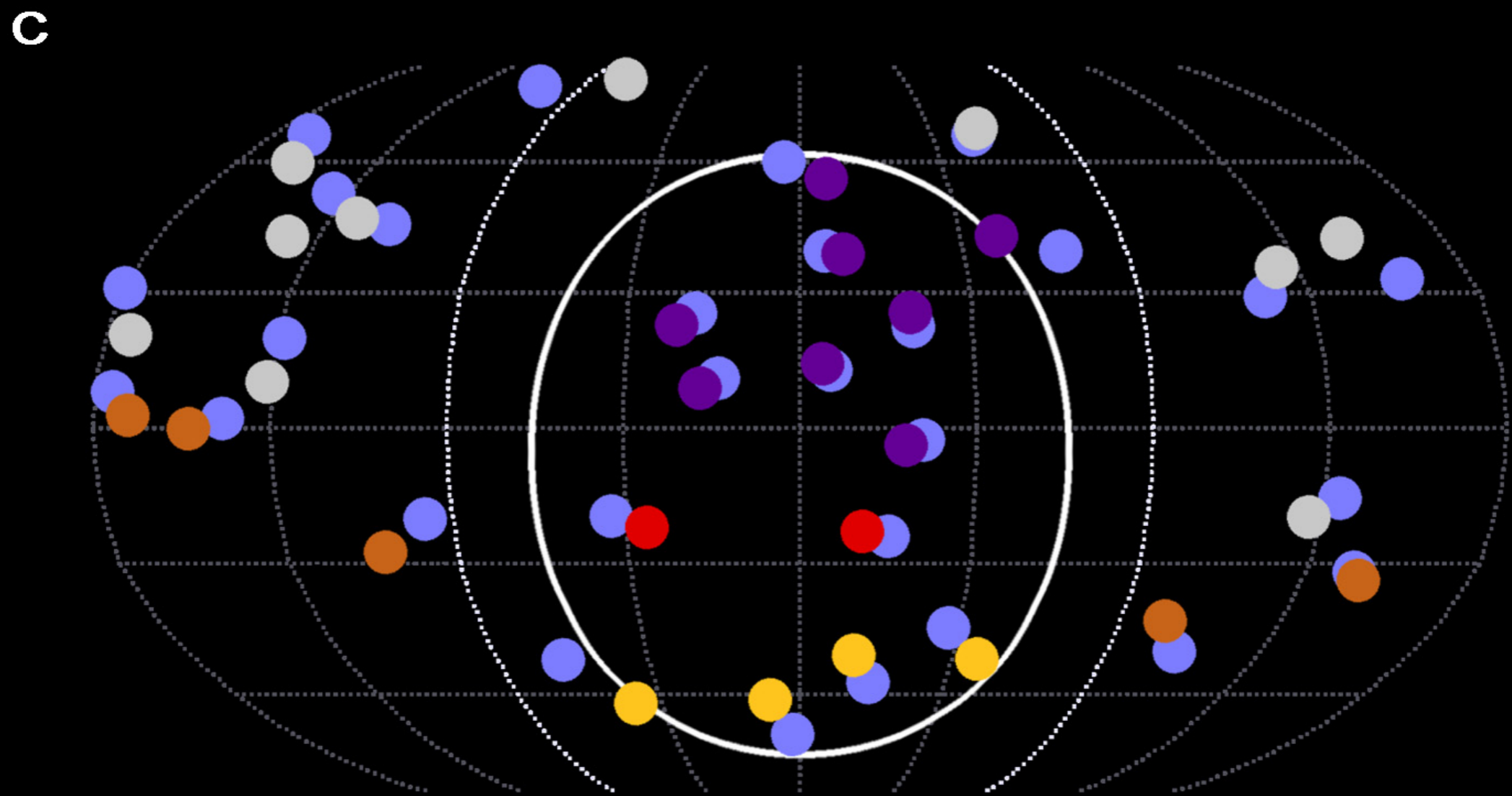
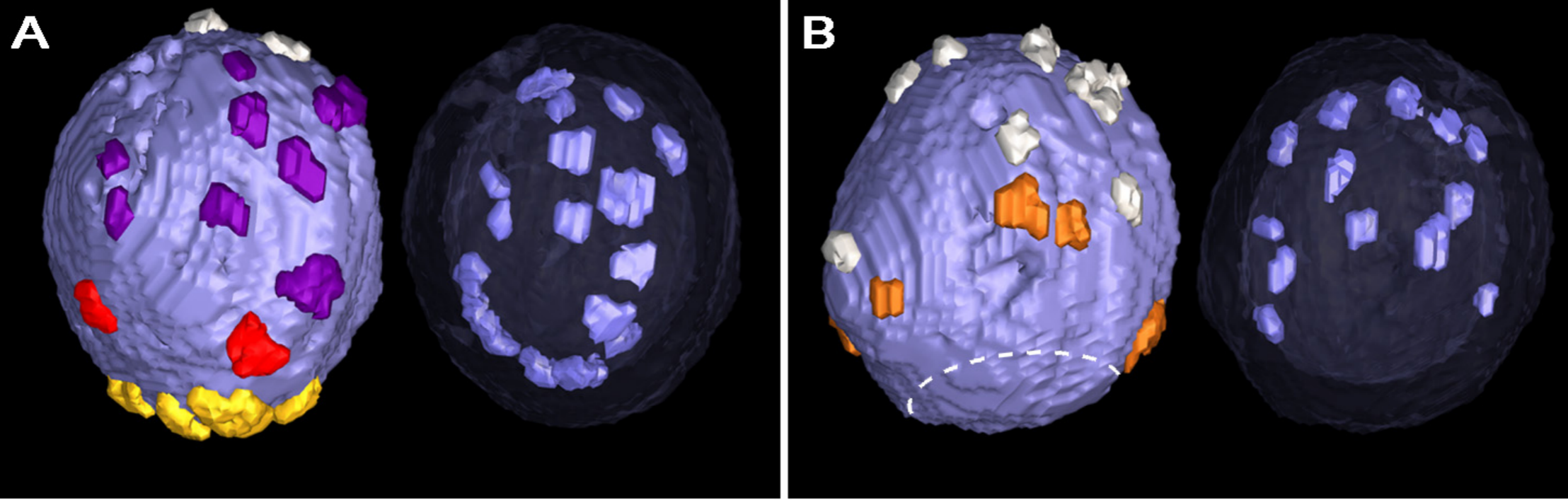
## Docked Vesicles

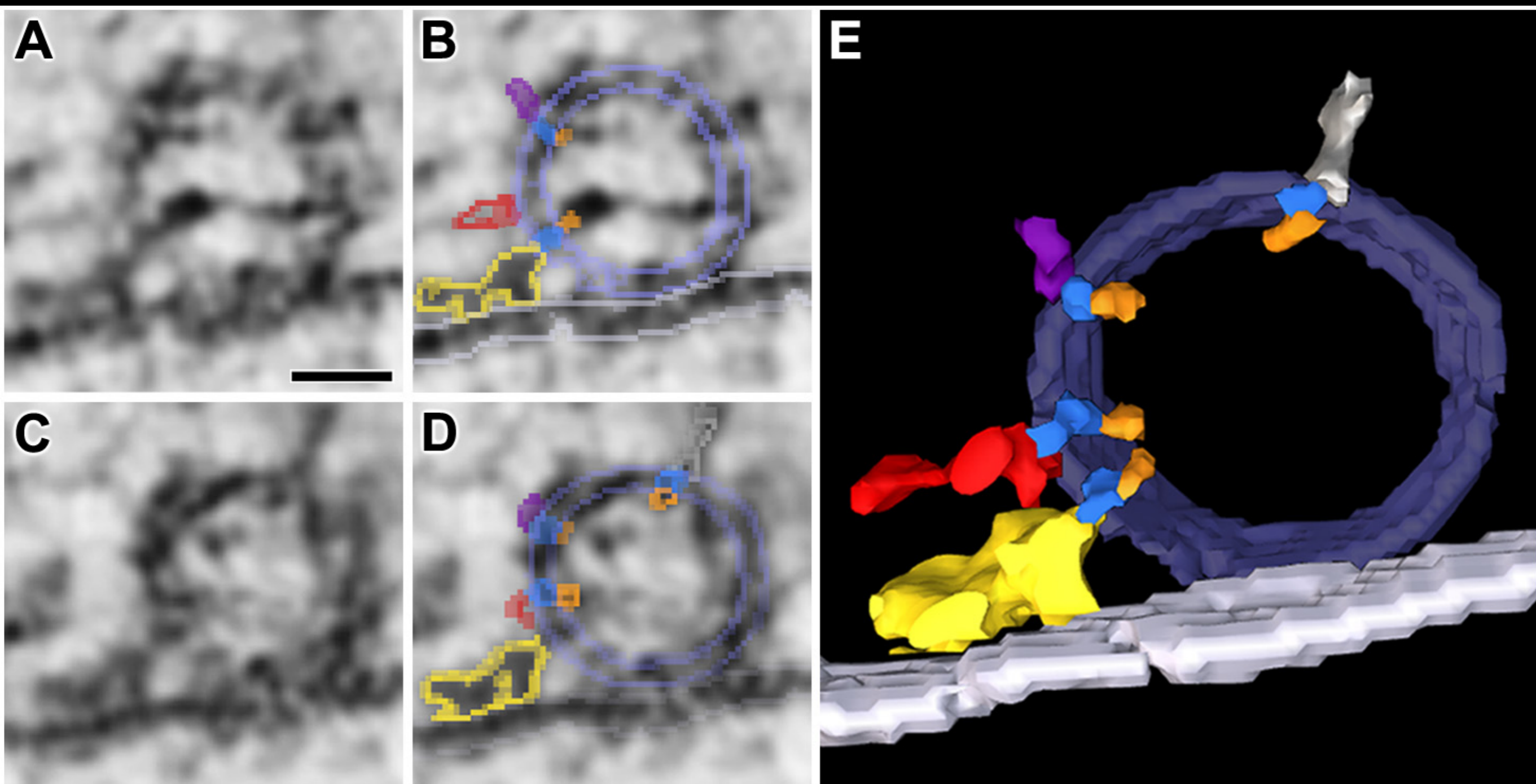


## Undocked Vesicles

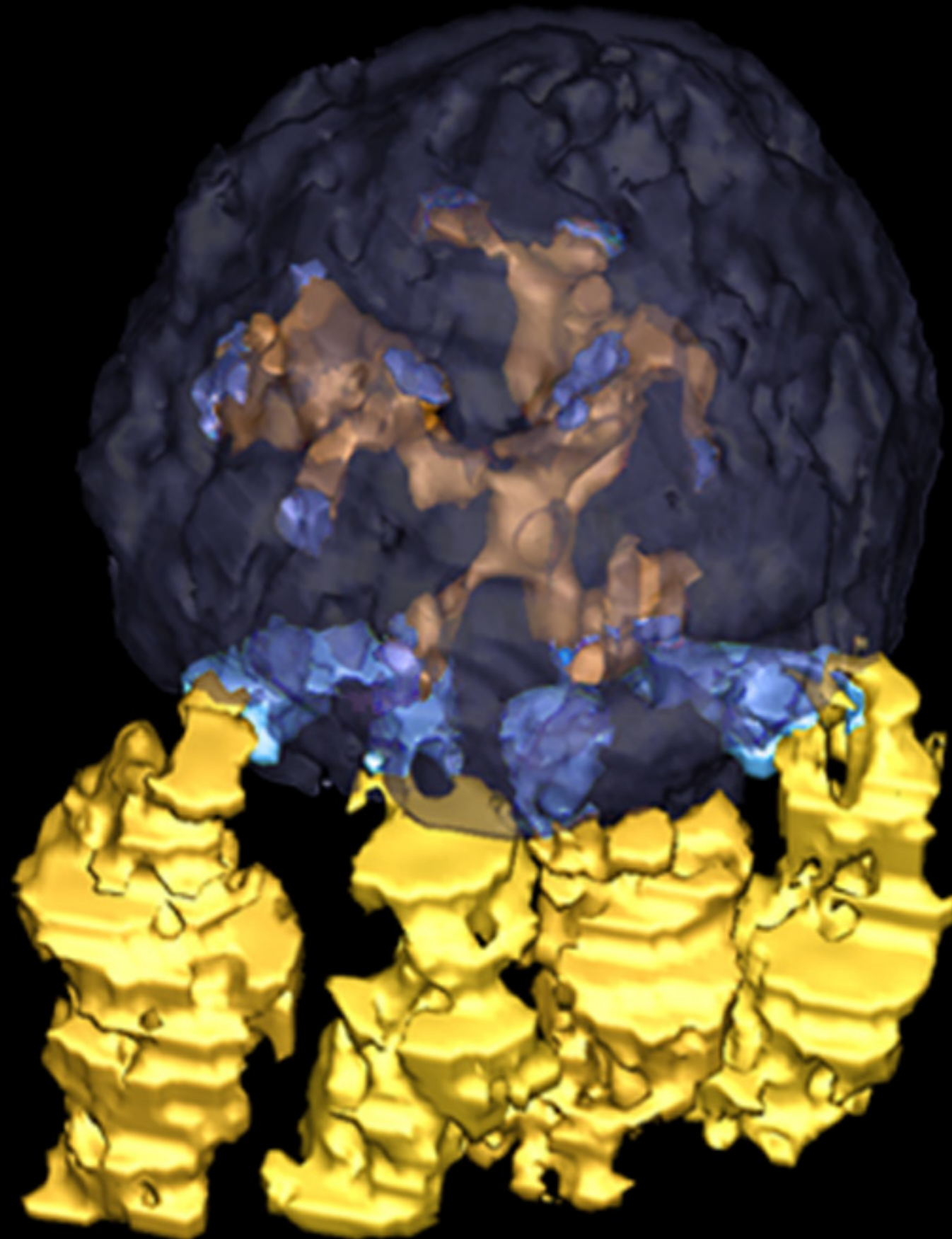












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