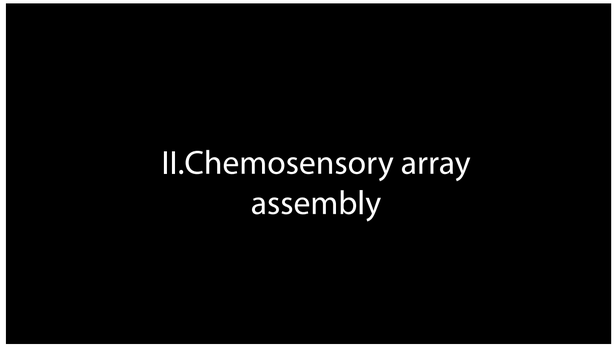
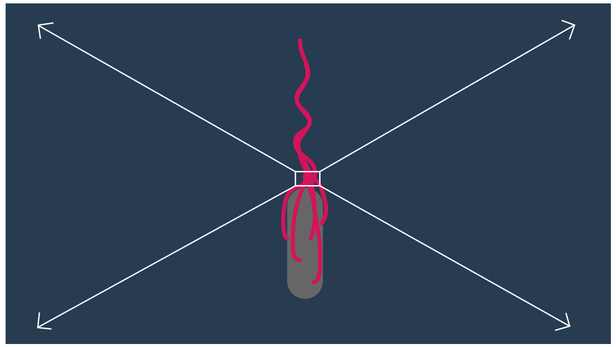
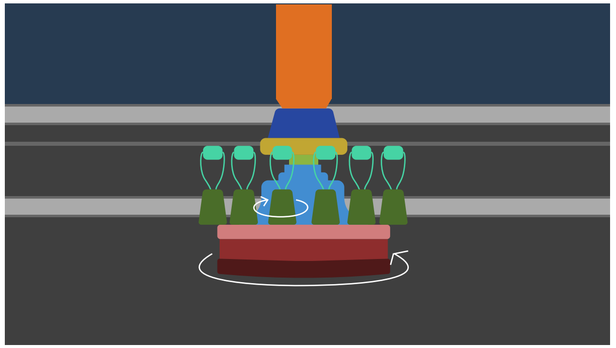
Chemotaxis Animation Storyboard - Chapter II #1



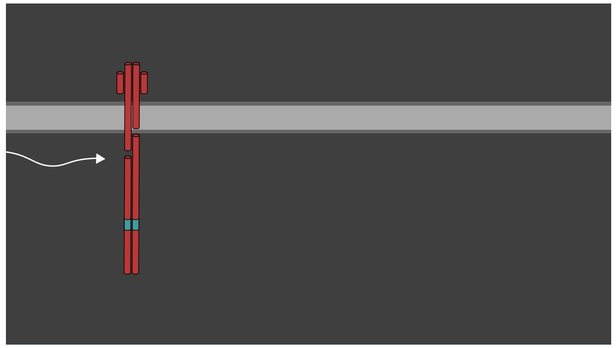
1.1
Label second chapter



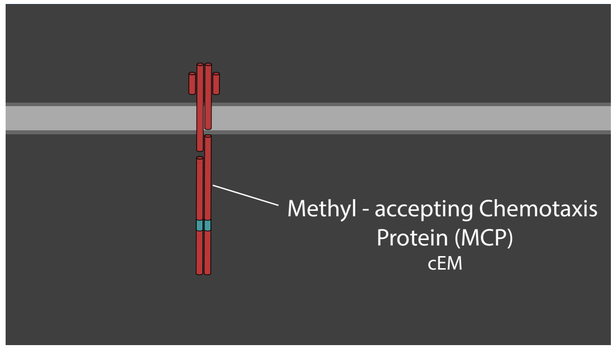
1.2
Animation: Zoom in to motor



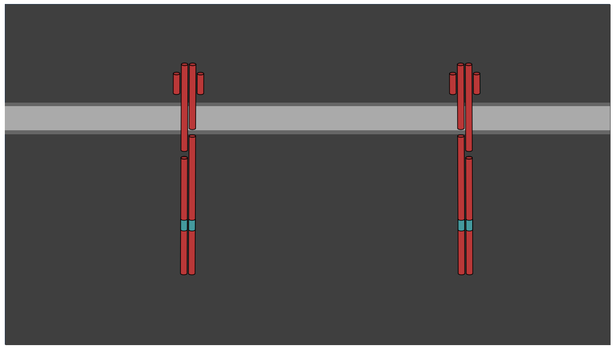
1.3
Animation: Motor rotates CCW



1.4
Animation: MCP diffuses through IM



1.5
Animation: Label MCP



1.6
Animation: Another MCP diffuses through IM

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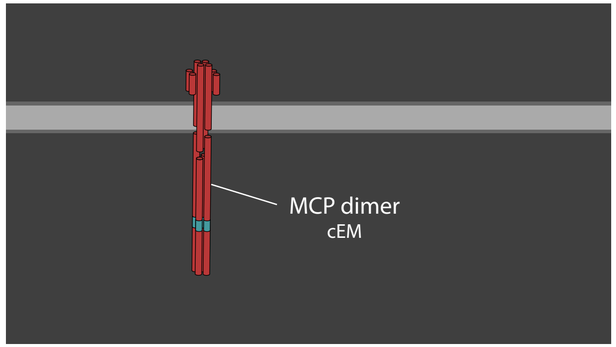
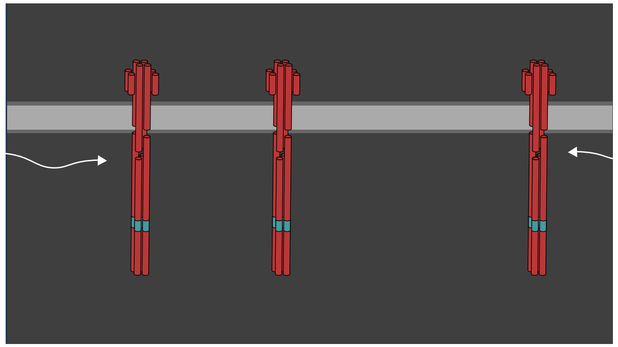
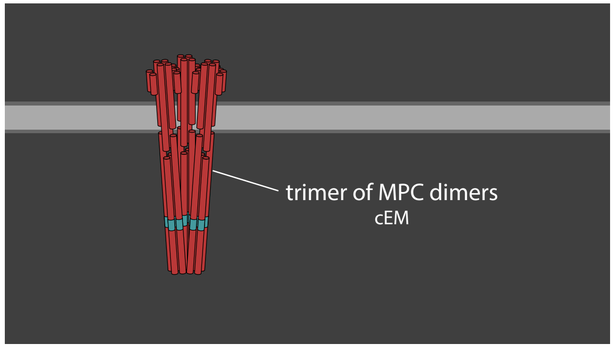


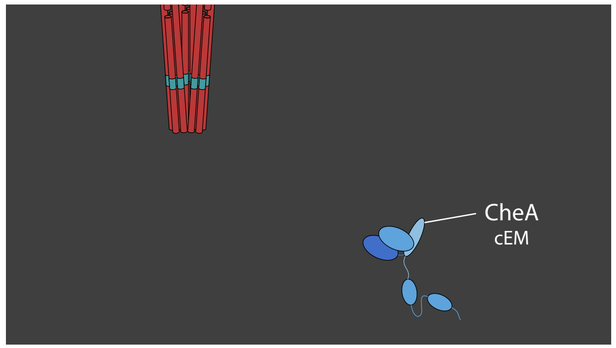
1.7
Animation: MCPs dimerize. Label MCP dimer



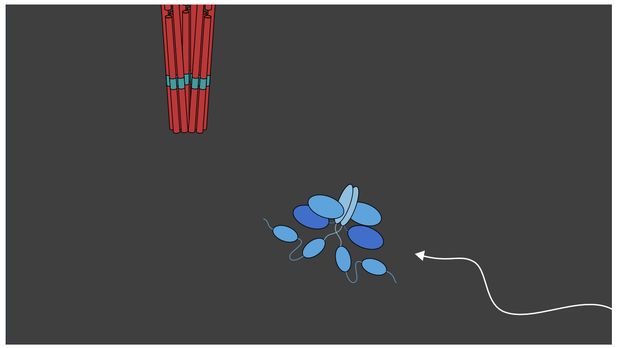
1.8
Animation: Two MPC dimers diffuse through IM



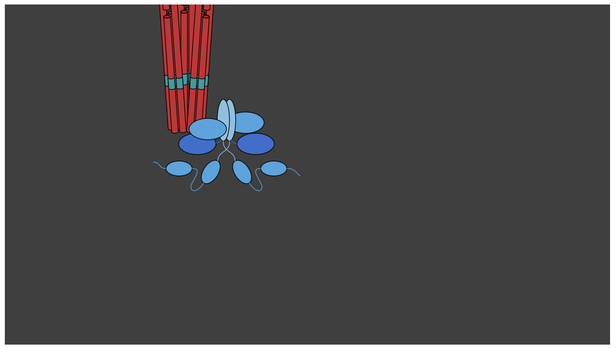
1.9
Animation: Trimer of MCP dimers form. Label trimer



1.10
Animation: CheA diffuses through cytoplasm. Label CheA



1.11
Animation: Another CheA diffuses through cytoplasm. CheAs dimerize.



1.12
Animation: CheA dimer binds to MCP trimer of dimers.

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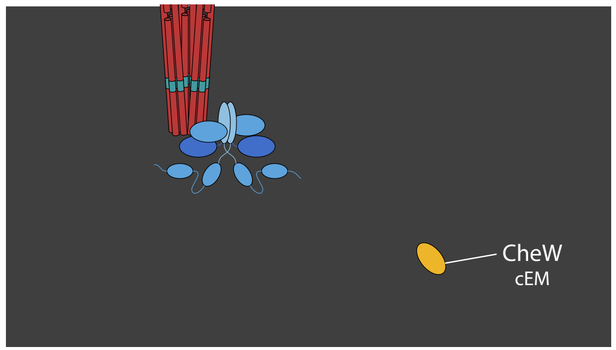
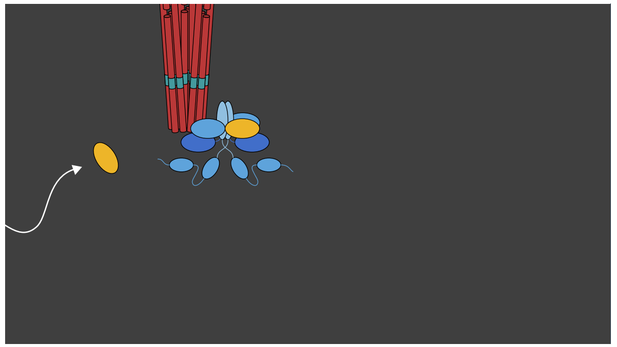
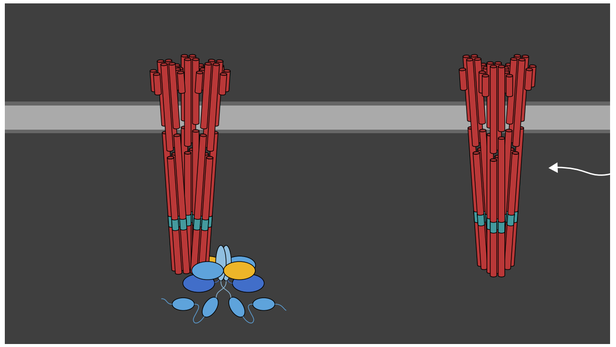


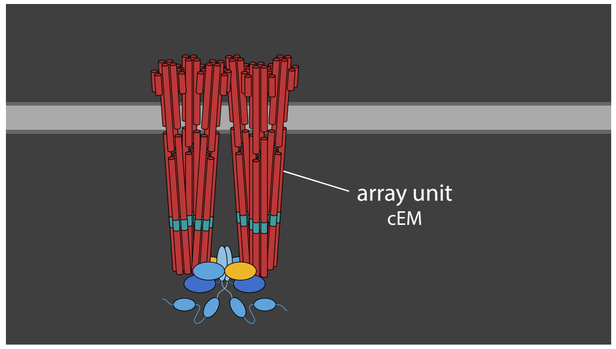
1.13
Animation: CheW diffuses through cytoplasm. Label CheW



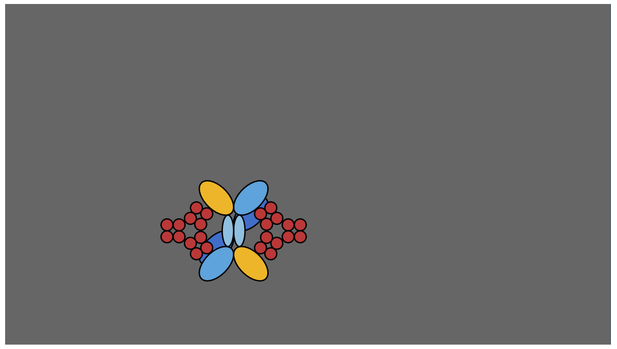
1.14
Animation: CheW binds to CheA. A second CheW binds the other CheA



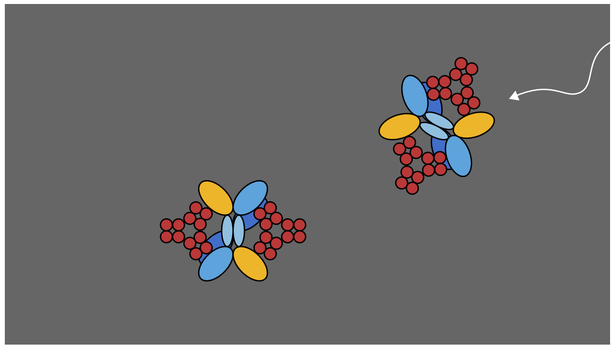
1.15
Animation: A second trimer of dimers diffuses through IM



1.16
Animation: Trimer of dimers binds to CheA dimer. Label array unit



1.17
Animation: Move the camera to a top-down view of the array unit



1.18
Animation: A second array unit diffuses through IM

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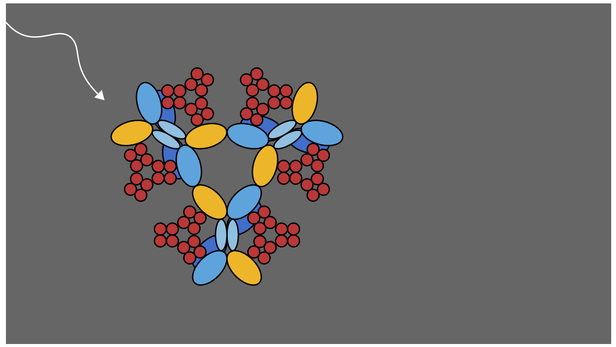
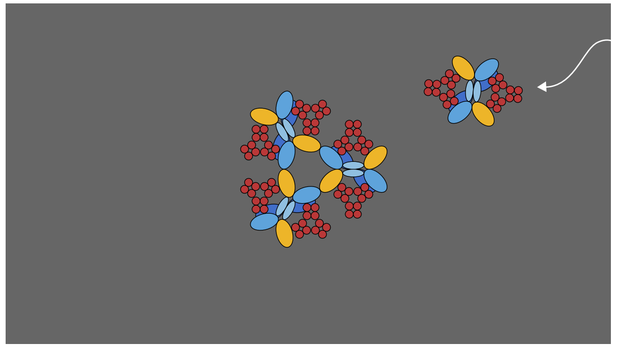
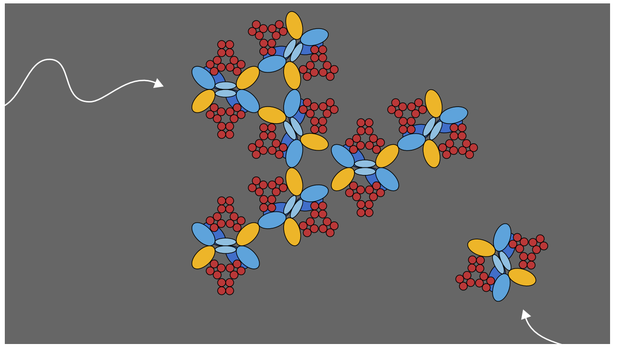


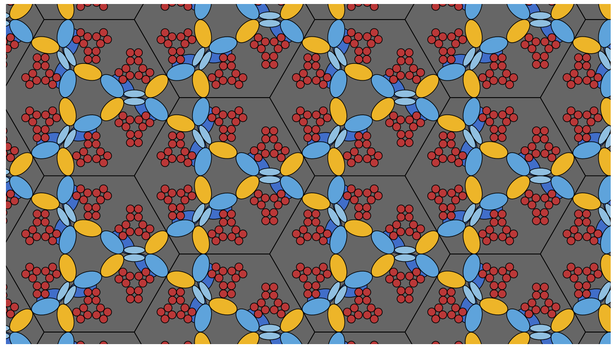
1.19
Animation: Three array units bind



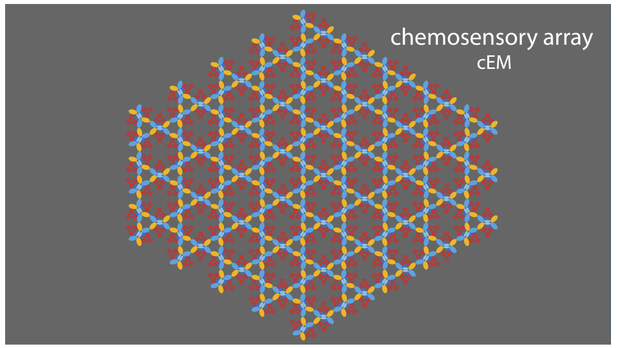
1.20
Animation: Another array unit diffuses through the IM



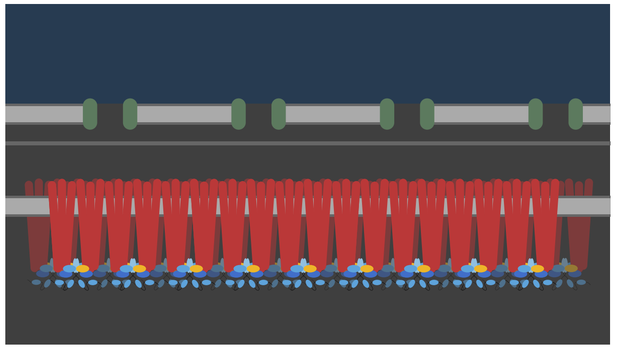
1.21
Animation: Array units connect to other units



1.22
Animation: Array units form a hexagonal pattern



1.23
Animation: Zoom out to see the whole chemosensory array. Label it



1.24
Animation: Move camera to see chemosensory array from the side