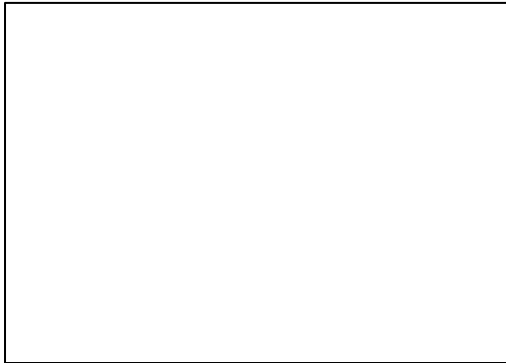


1.3 Membrane Structure

Phospholipids

Draw the structure of a phospholipid and identify its properties



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Explain how the properties of phospholipids help to maintain the structure of cell membranes

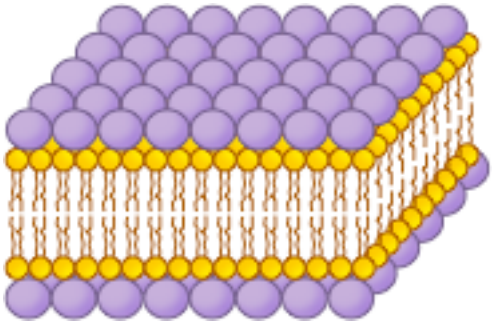
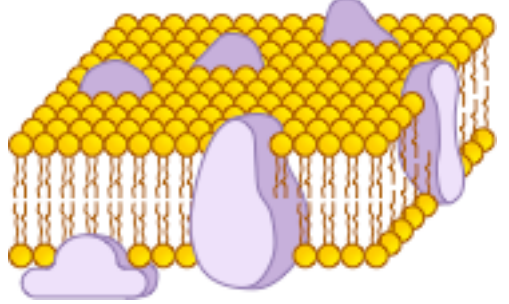
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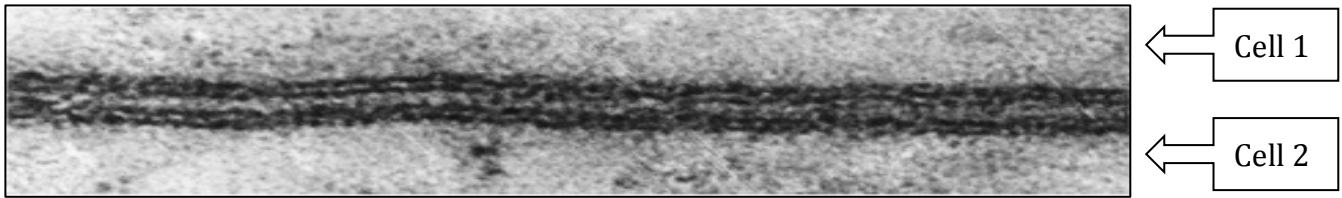
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Identify and describe the two main models for membrane structure based on the diagrams below

Model A:	Model B:
	
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Describe how the following electron micrograph supports the structure of model A



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Outline the evidence that lead to the falsification of model A and acceptance of model B

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Cholesterol

Explain what is meant by the term 'membrane fluidity'

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Outline the role of cholesterol in animal cell membranes

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Membrane Proteins

Differentiate between integral and peripheral membrane proteins

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List the functions of membrane proteins

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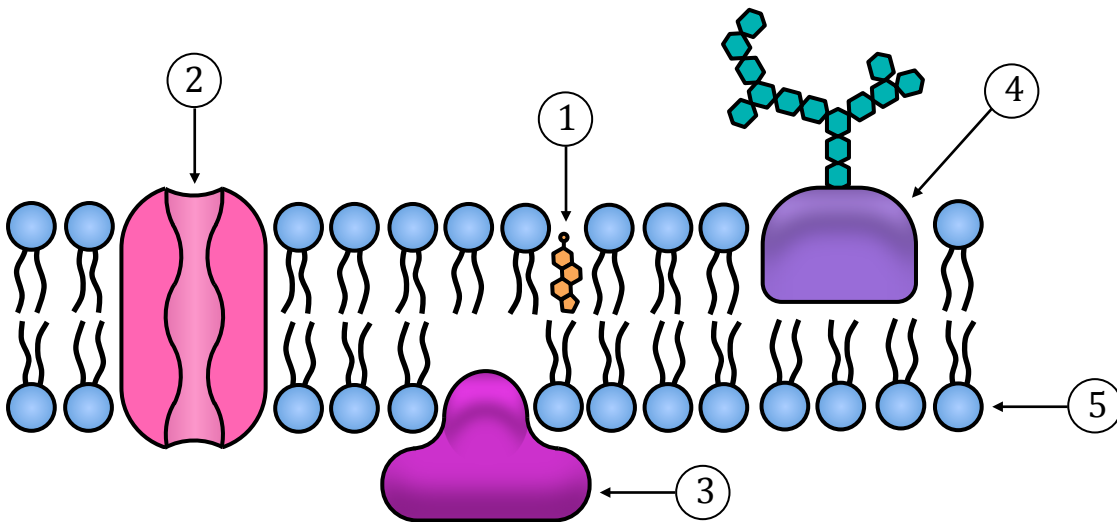
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Label the following diagram of a plasma membrane



1.

2.

3.

4.

5.