



The diagram illustrates the structure of the AChR, showing the extracellular, transmembrane, and intracellular regions. The extracellular region is shown as a green surface, and the transmembrane region is shown as a blue and red surface. The intracellular region is shown as a blue and red surface. The diagram is divided into three horizontal sections: the extracellular space (top), the transmembrane region (middle), and the intracellular space (bottom). Labels on the left indicate the 'Funnel' and 'Extracellular cavity'. Labels on the right indicate the 'Presynaptic cytoplasm', 'Presynaptic membrane', 'Extracellular space', 'Postsynaptic membrane', and 'Postsynaptic cytoplasm'. A 'Negatively charged path' is also indicated in the extracellular space.