Abstract

Carbon nanotubes have now our day's major role. High usage of carbon nanotubes they
are applied in various fields. But in another way it creates a toxicity which is harmful for living beings, animals, and other living organism. So, we identify how biological membranes like ion channel are blocked by carbon nanotubes. SWCNTs of certain diameters can efficiently block K+, Na and other channels. So the purpose of this study to identify the inhibition process by SWCNTs in different ion channels.

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Index Terms

Computer Science

Artificial Intelligence
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Single Wall Carbon Nanotubes  Molecular Interaction  Protein Data Bank