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Interaction between membranes and ammonium salts with different alkyl chain length

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The paper contains a review and analysis of the results of the studies concerning the interactions between cationic, qua-ternary ammonium salts (AS) and biological and model membranes. Special attention was paid to the role of the alkyl chain length of the compounds studied. The analysis proves a destructive effect of ammonium salts on all of the membranes studied. The AS destructive activity increases monotonically with their alkyl chain length but shows a tendency to stabilize for the compounds containing 14 and 16 carbon atoms in the chain.