

Copy of a printed diagram referenced as "Inter-molecular links [in] DNA"

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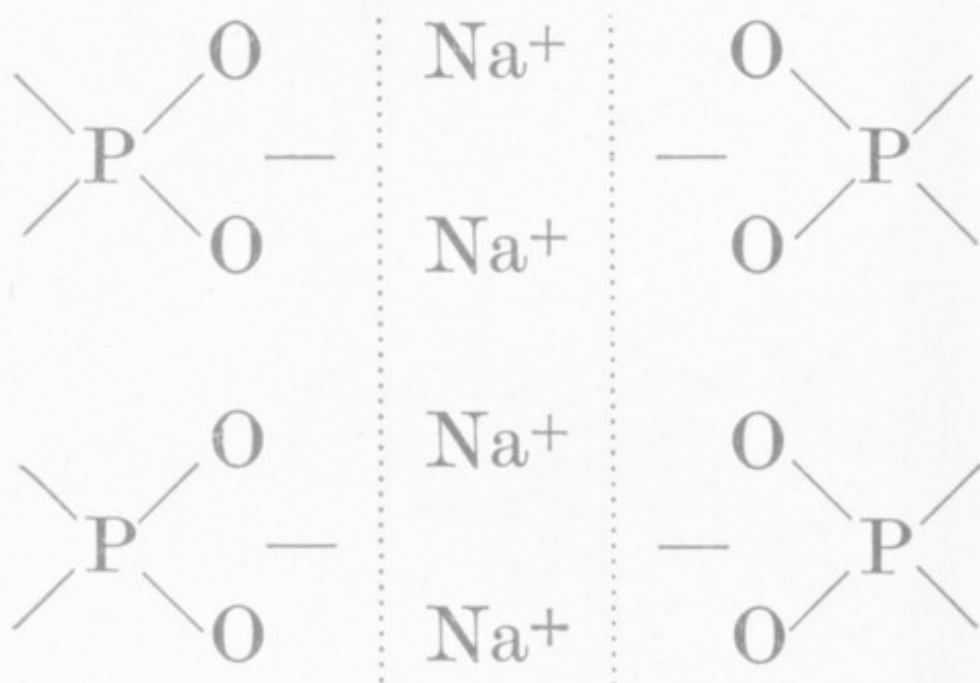
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microscopic (Drushel & Felty, 1918). For this reason we should expect a tendency for the phosphate groups to associate with one another in a chain, just as carboxyl groups are associated in the structure of organic acids and their salts. We should expect to find an inter-molecular arrangement of the type



This type of back-to-back bonding of chains through phosphate groups leads one to expect that, in the structure, the purine and pyrimidine groups are linked to similar groups of neighbouring chains through hydrogen bonds.

We may assume that in structure A the