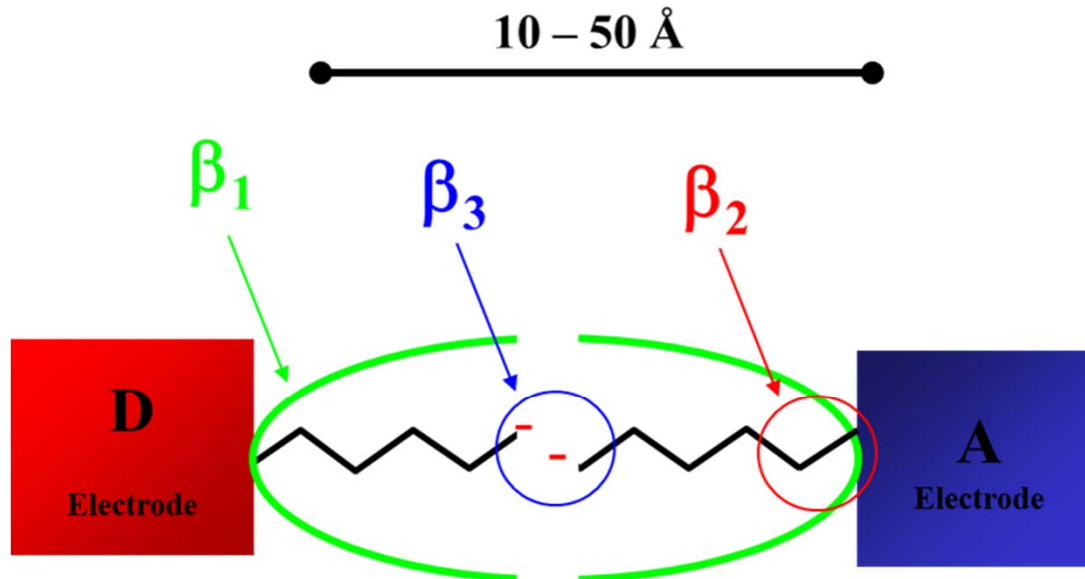


Electrical Conductivity of Molecular Assemblies

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$$I = I_0 e^{-\beta d}$$

Tunneling conductivity of carboxy-terminated SAMs depends critically on pH