Graphene Quantum Dots Interfaced with Single Bacterial Spore for Bio-Electromechanical Devices: A Graphene Cytobot

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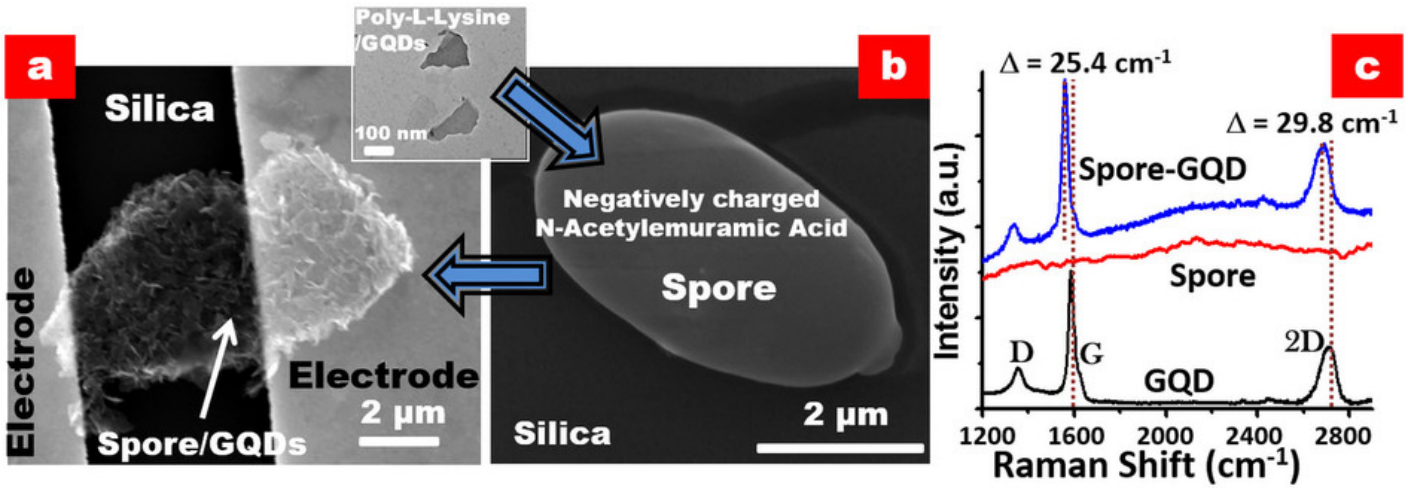
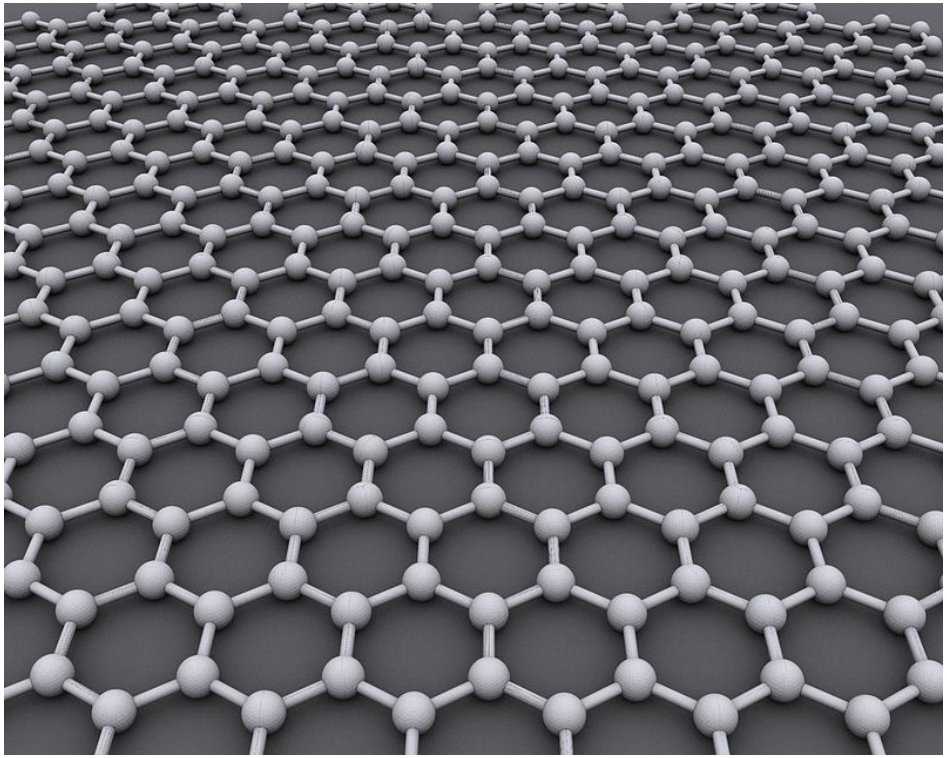
- Because the spore shrinks, the GQD's increase their conductivity according to the electrodes

Examples



Spore with GQD

About Graphene



Graphene. Honeycomb lattice at atomic scale

About Quantum Dots

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- Exhibit quantum properties