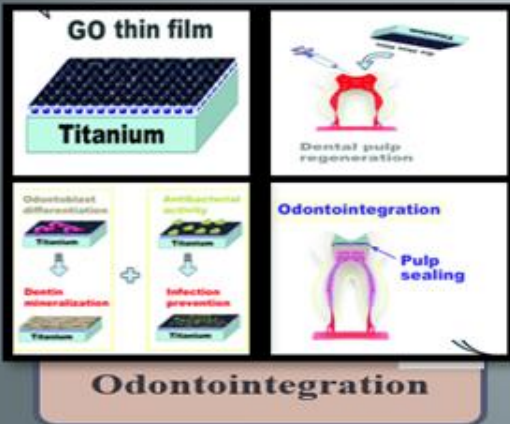


GRAPHENE FRONTIER THE MOLECULAR MARVEL



Regenerative property

Tooth bleaching

Antibacterial property

Restorative dentistry

Biosensor

Implant coating

Osteogenic property

Graphene incorporation

Ceramic

Polymer

Metal

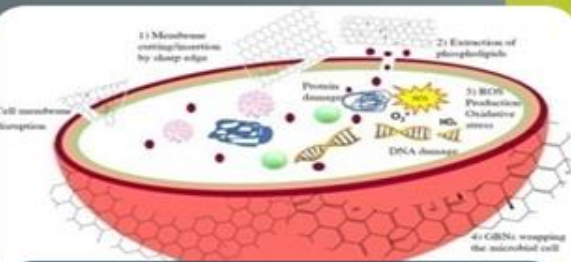
- Powder incorporation
- Sintering consolidation

- Conjugation
- Hydrophobic interaction

- Direct synthesis
- Film synthesis

Advantages

- Improves strength
- Antibacterial property
- Biocompatibility



Nano- knives effect

ROS production oxidative stress

Wrapping of microbial cell