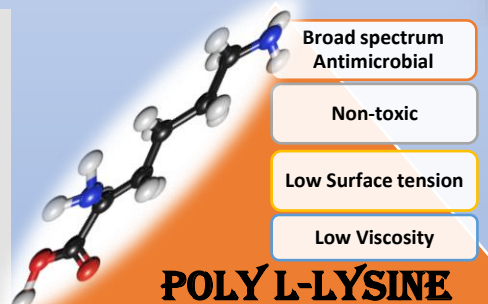
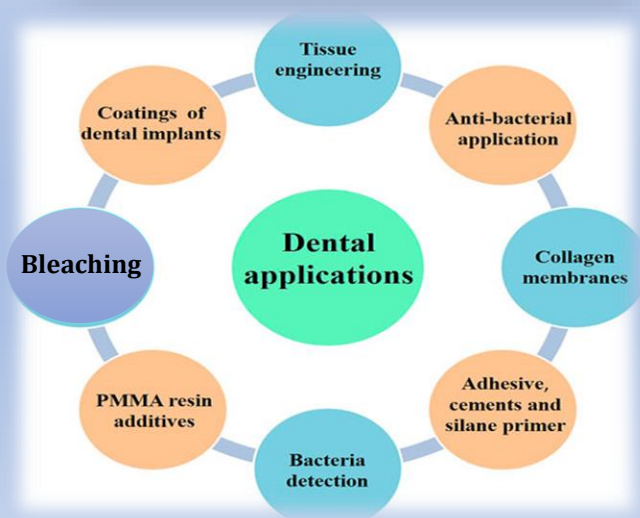
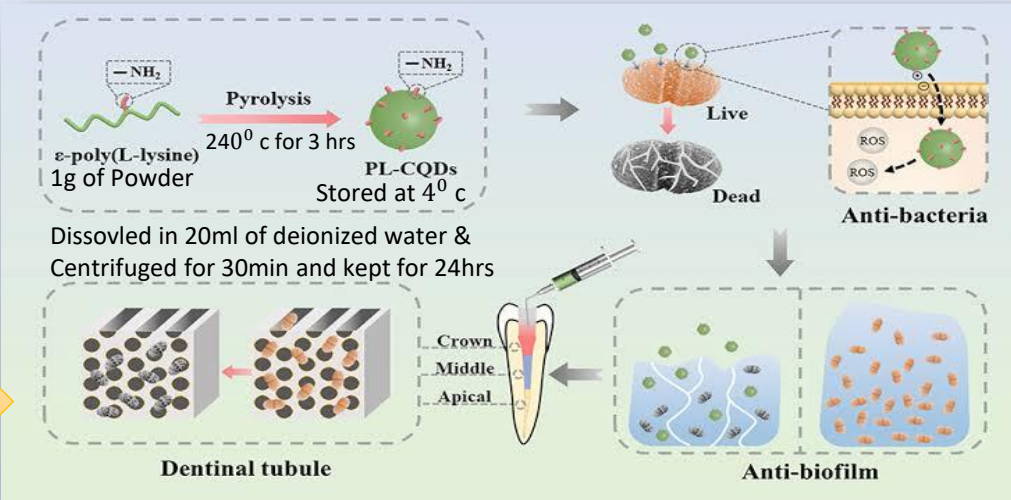
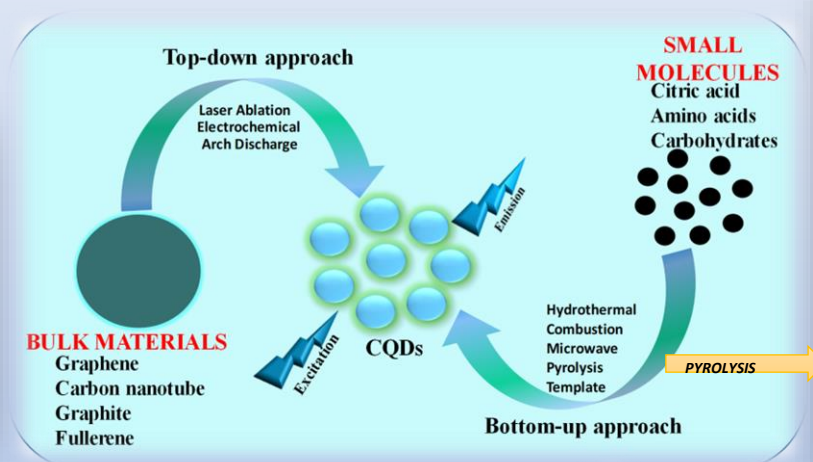
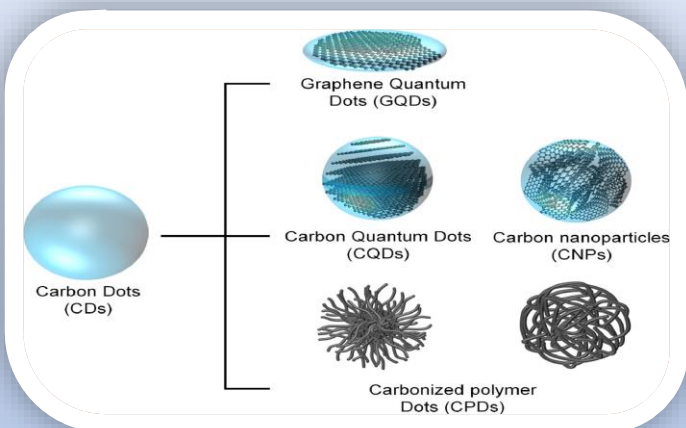


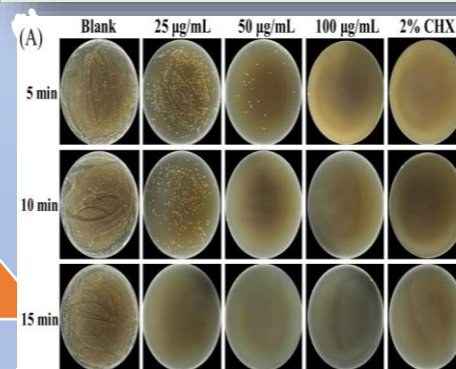
“BRIGHTENING THE FUTURE OF ENDODONTICS-THE ROLE OF CQD’S IN ROOT CANAL THERAPY”

- Small carbon nanoparticles of size <10nm.
- 1st discovered by Xu et al in 2004

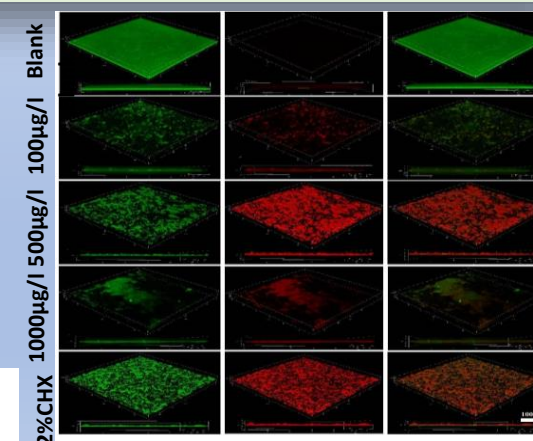


Implications for Future Research

Further In vivo studies & Clinical trials are needed to check the long term effectiveness & ability to remove smear layer effectively during instrumentation.



Survival bacterial colonies of *E. faecalis* on agar plates after treatment with concentrations of PL-CQDs at different times.



3D-CLSM images of *E. faecalis* biofilm inhibition on the glass slides. represent Green (SYTO 9) and red (PI) the live and dead cells of *E. faecalis*.