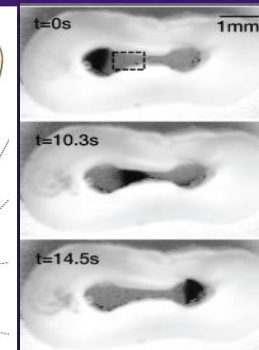
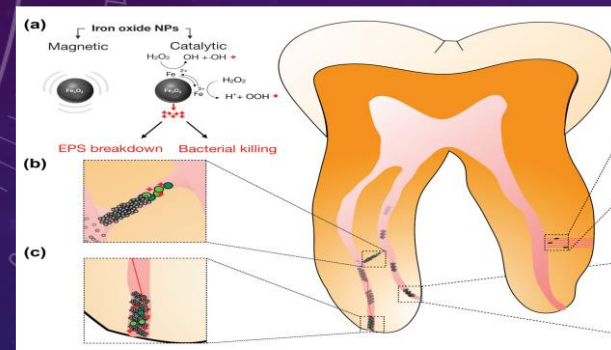
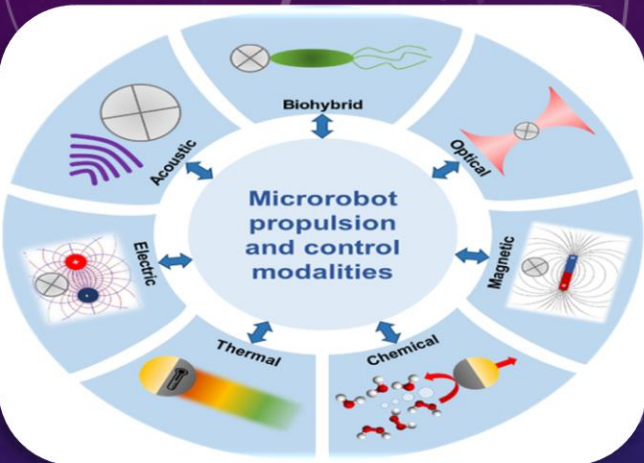


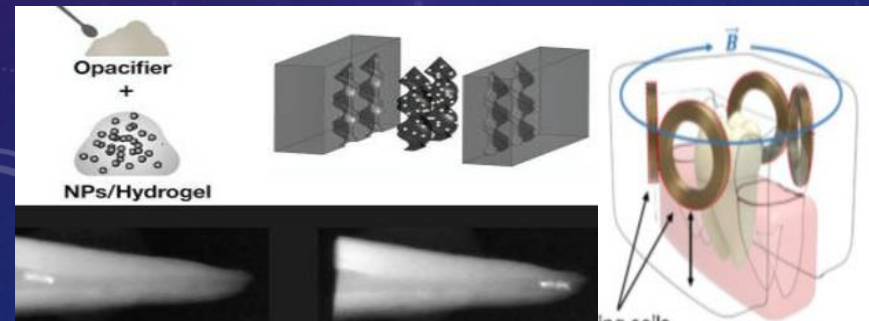
MICROROBOTICS IN ENDODONTICS: THE FUTURE OF MINIMALLY INVASIVE CARE

MICROROBOTS - These are miniature robotic devices, typically measuring in the range of micrometers in size, designed to perform specific tasks with high precision in various applications.

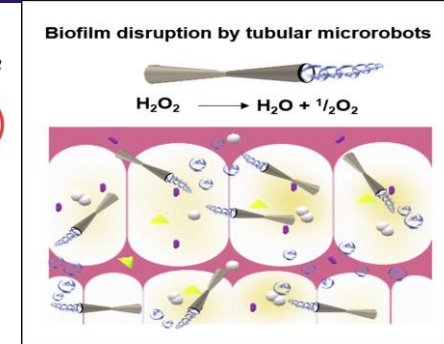
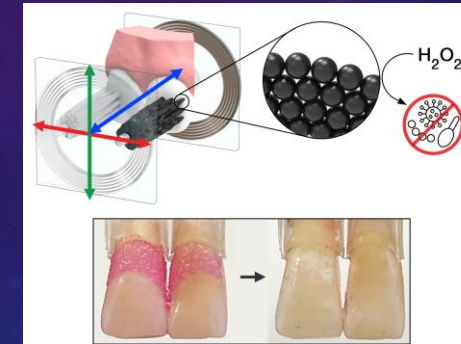
APPLICATIONS



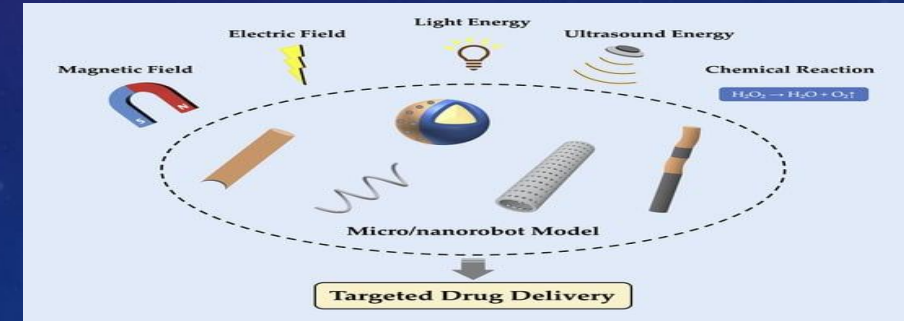
AGGREGATED MICROSWARMS



3D-MOULDED ROBOTS



SELF PROPELLED MICROBRUSHES



TARGETED DRUG DELIVERY

ADVANTAGES

- Minimal invasive access
- More secure and efficiency
- Better access to complex anatomy
- Improved treatment outcomes

CONCLUSION - Microrobotics in endodontics opens new frontiers for minimally invasive procedures, allowing for targeted treatments that minimize damage to surrounding tissues and improve healing times.