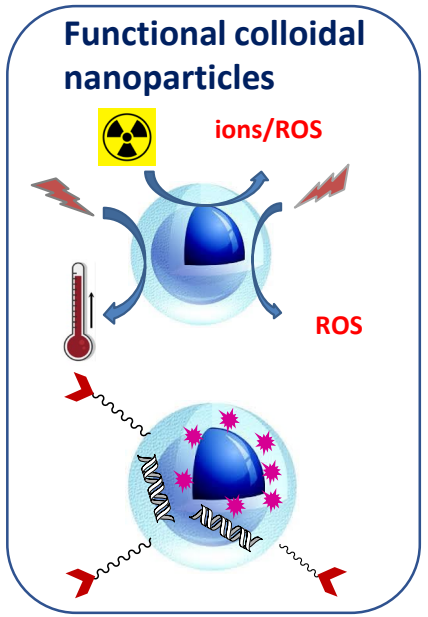
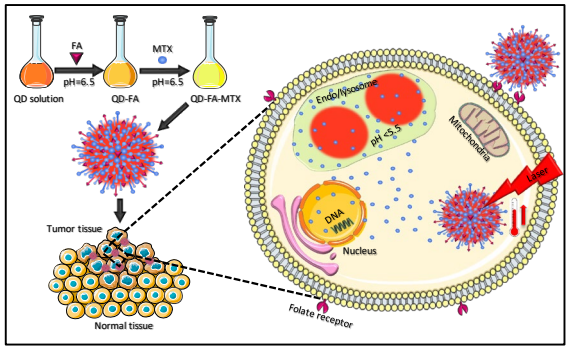
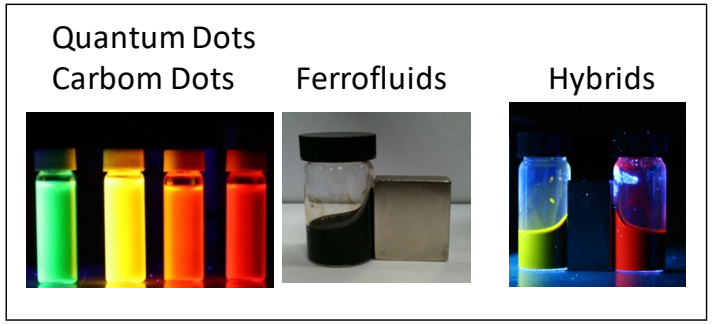
KUNAL & Polymers, Nanomaterials and Theranostics Laboratory

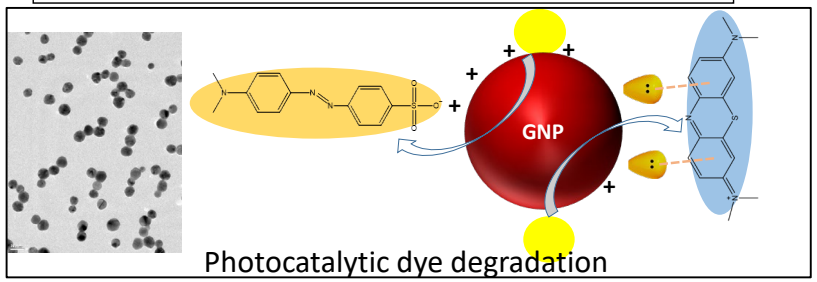
KOÇ ÜNİVERSİTESİ

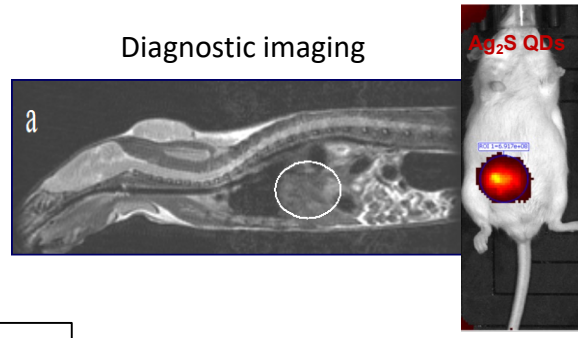




Biofilm irradication







RESEARCH AREAS

- Designed material synthesis at all length-scales: polymers, magnetic/luminescent/metalic and hybrid nanoparticles for medical and technology applications
- Nano-diagnostics, antibacterial and anticancer therapies
  - Synthesis, in vitro and in vivo evaluation
  - Drug/gene delivery
  - Combination therapy of cancer
- Autantification, solar cells and sensors
- Phototherapy/photodegradation/photopolymerization
- Magnetorheology

Postdoc Positions are available!

- Proven record of high-quality publications
- Ability to work in a collaborative environment and in a multidisciplinary team

#1: PhD in Chemistry or Materials Science

- Strong experience in synthetic methods
- Experinence in nanoparticle synthesis is an advantage
- Experience in sensors is an advantage

#2: PhD in Biology/Biomed. Science/Materials Science with a strong background in *in vitro/in vivo* methods.