



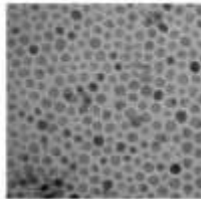
Institute of Cancer Therapeutics University of Bradford/ United Kingdom

Research lines/Activities

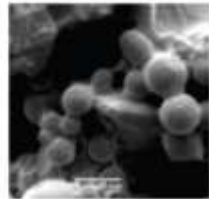
- Nanomedicine and Drug Delivery



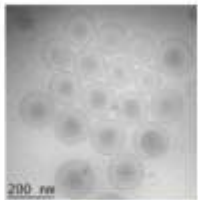
2D
NANOMATERIALS



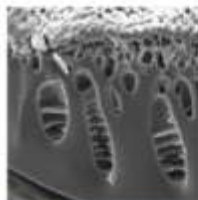
INORGANIC
NANOPARTICLES



POLYMERIC
NANOPARTICLES



LIPOSOMES



HYDROGELS

Who are we?

g.ruizestrada@bradford.ac.uk



- Safe-by-design approach in the synthesis of nanomaterials
- Biological impact of nanomaterials (Nanosafety)
- Mechanism of action of nanomedicines
- Combinatory therapies (Magnetic hyperthermia, phototherapy, chemotherapy)



Institute of Cancer Therapeutics University of Bradford/ United Kingdom

Research lines/Activities

- Cancer Stem Cell Biology
- Characterising cancer stem cells (CSCs) using spheroid culture and evaluating the significance of embryonic signalling pathways
- Identifying novel biomarkers for cancer stem cells using in silico approaches, establishing in vitro and in vivo models to study CSCs and evaluating novel therapeutic targets for improved treatment

Who are we?

s.swaroop@bradford.ac.uk

