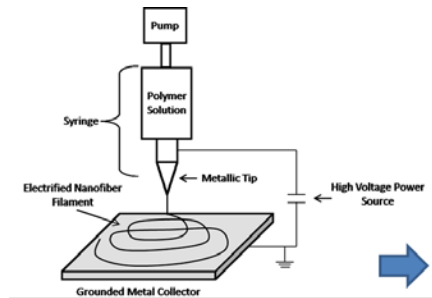
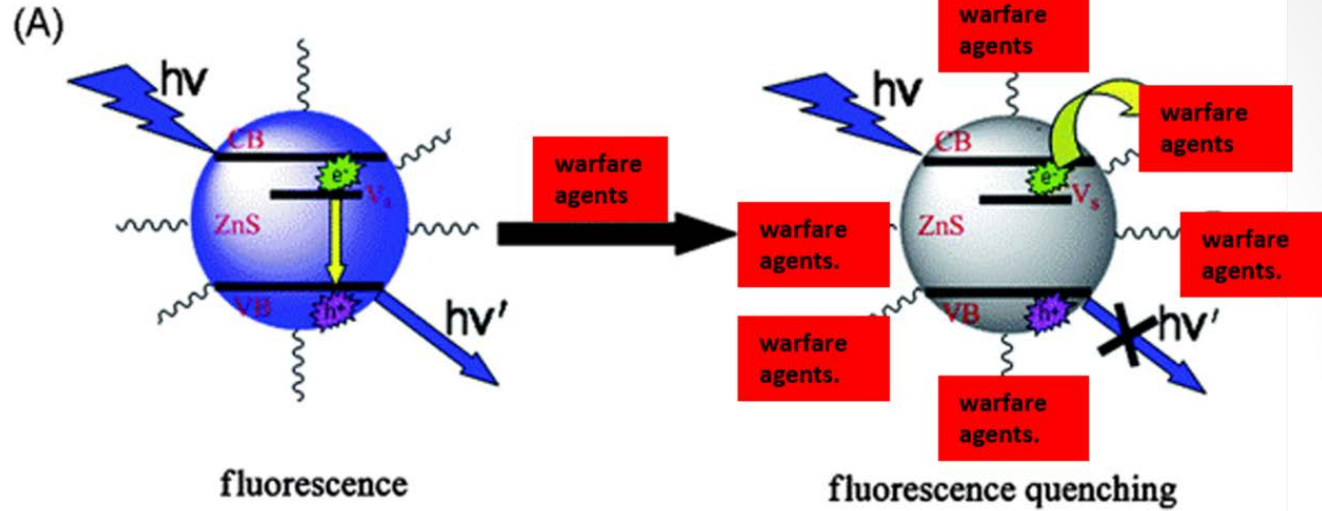


# New Quantum dots based sensor integrated in textiles for CBRN detection and decontamination

- *PhD José Manuel Ramos Fernández*
- *jramos@aitex.es*
- *Textiles Research institute (AITEX)*
- *Role: Proposal coordinator, S/T provider*
- Proposal activity: **TOPIC : SU-DRS04-2019-2020 Chemical, biological, radiological and nuclear (CBRN) cluster.**

# Proposal idea



Electrospinning optimization.



# Project participants

- Proposed coordinator: *<SME to be confirmed>*
- Partners / Other participants:
  1. R&D development of new QDs
  2. AITEX (Proposal drafting coordinator.)
  3. R&D development of porous materials
  4. SME producer of textiles
  5. SME for the development of nanofibres veils.
- Looking for partners with the following expertise/ technology/ application field:
  1. Miniaturization of the detection system (optical).
  2. End-users.
  3. Regulatory and ethics partners.