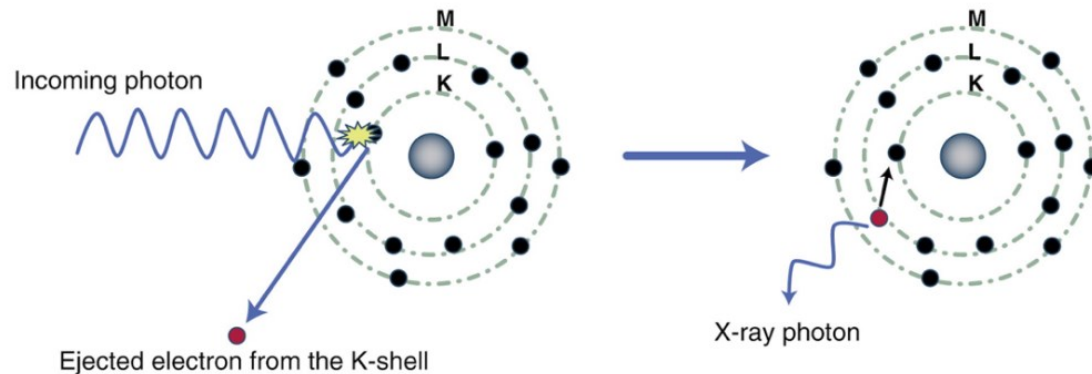
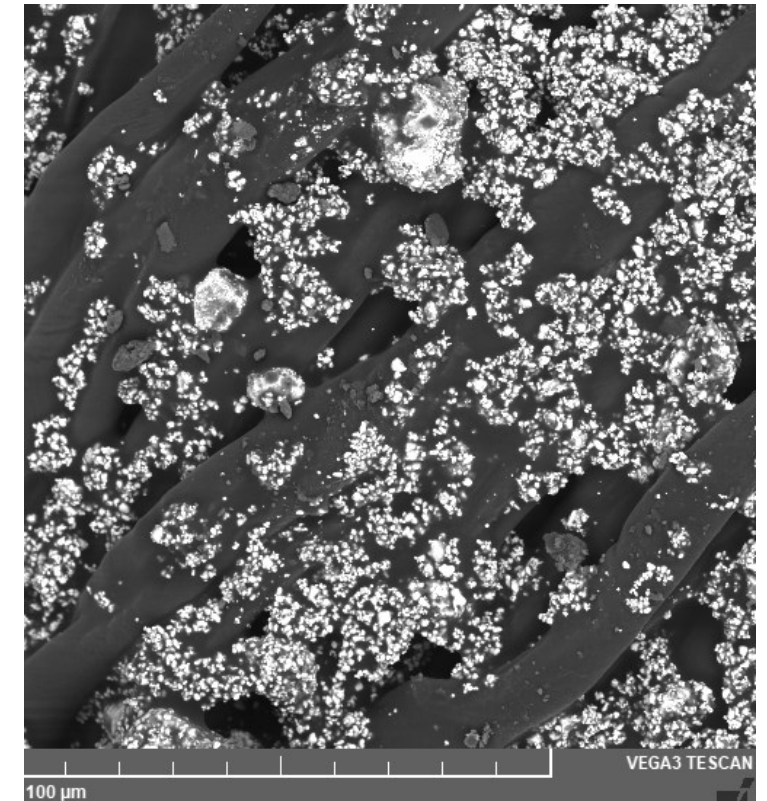
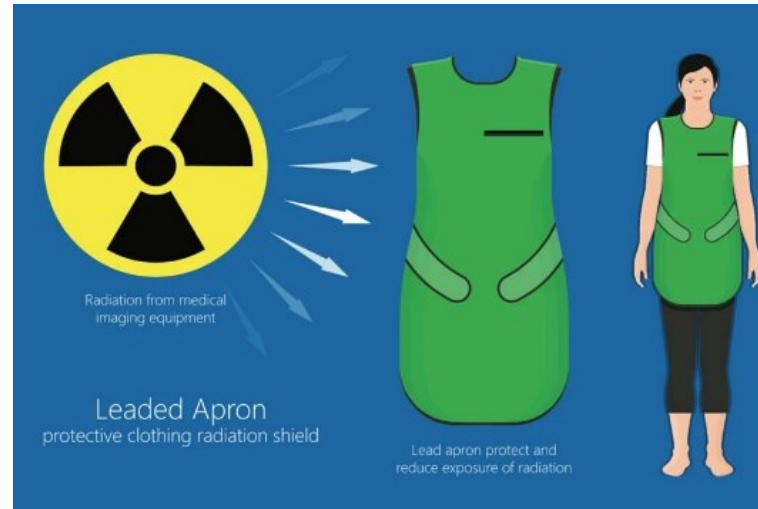
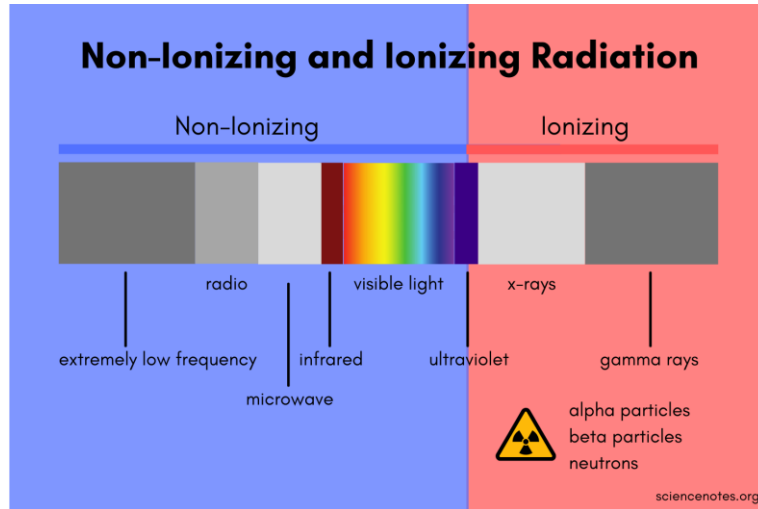


# FLEXIBLE PROTECTIVE MATERIALS AGAINST IONISING RADIATION

Polymer composites: Non-toxic, lightweight and flexible material design against ionising radiation



- Aral Nebahat, Duch Maria Amor, Nergis Fatma Banu, Candan Cevza. (2021) X-ray attenuation properties of micro and nano sized tungsten coated fabrics. *Radiation Physics and Chemistry*, 109586.
- Aral Nebahat, Duch Maria Amor, Ardanuy Monica. (2020). Material characterization and Monte Carlo simulation of lead and non-lead X-Ray shielding materials. *Radiation Physics and Chemistry*, 108892.
- Aral Nebahat, Nergis Fatma Banu, Candan Cevza (2016). The x-ray attenuation and the flexural properties of lead-free coated fabrics. *Journal of Industrial Textiles*, 47(2), 252-268.
- Aral Nebahat, Nergis Fatma Banu, Candan Cevza (2015). An alternative X-ray shielding material based on coated textiles. *Textile Research Journal*, 86(8), 803-811.