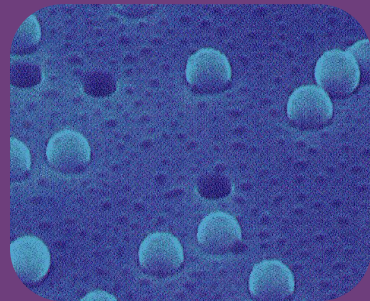
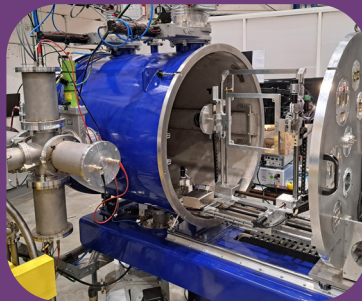
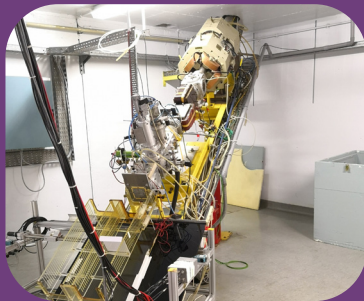
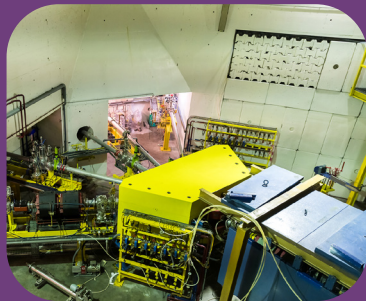


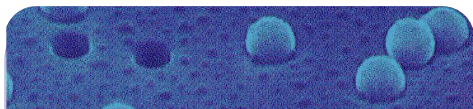


C R C

Cyclotron Resource Centre

WHAT WE OFFER : SERVICES & EXPERTISE

- Ion beams from the cyclotron CYCLONE 110
 - Protons up to 65MeV
 - Heavy ions up to Xe
 - Neutrons beam
- Cobalt-60 gamma irradiation
- Accelerator technologies and ion beam interaction expertise



Track-etched membranes

- Rolls irradiation
- Ar, Kr or Xe beam available



Heavy ions cocktail

- 9.5MeV/nucleon cocktail
- From Carbon to Xenon
- Up to $1.5E4$ ions/s.cm²
- Square size of the beam 30x30mm



Protons beams

- From 10 to 62MeV
- 80mm diameter beam
- Up to $2E8$ p+/s.cm²



Neutrons beam

- Broad energy spectrum
- Up to $3E9$ n/s.cm²
- Average energy 23MeV



Gamma irradiation

- Two Co-60 source
- Dose rates up to 7.5 krad/h [Si]

CONTACT

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Picture credits: CRC - Aurore Delsoir

www.uclouvain.be/crc