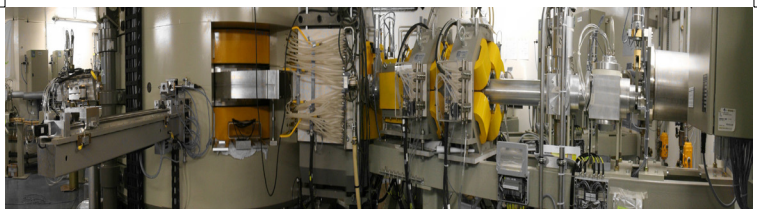
ARRONAX

A high-energy multi-particle cyclotron
for scientific research and production
of innovative radionuclides for medical use

70 MeV max. energy
2x375 µA max. intensity for protons (dual beam)
3 beams : protons, deuterons and alpha
5 beam lines + 1 pulse beam available
60 people mobilised

«You are an academic research team or an industrial company?
We are ready to work with you !»



Our expertise

For nuclear medicine

Production of innovative radionuclides for research
Production of radiopharmaceuticals for medical use and clinical trials in imaging and targeted therapy

Basic research

Radiobiology, radiolysis, radiochemistry
Production cross section measurements
Hadrontherapy

Applied research using ion beam

Tests of detectors for medical and spatial applications
Radiation damage studies
Ion beam analysis

Our achievements *(November 2020)*

Ongoing
10 international scientific collaborations • 10 industrial partnerships

During the last 10 years
193 publications • 51 PhD thesis including 37 defended

Certifications
ISO 9001/2015 • GMP FDA (USA), ANSM (FR) and MEB (NL)

Development of a radiopharmacy producing radiopharmaceuticals for clinical trials, in association with Nantes University Hospital

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