

Founded in 1977, Hopital Erasme is the academic hospital of the Université Libre de Bruxelles (ULB). Its nuclear medicine department is active in diagnostic applications of various radiotopes for PET and SPECT. Equipped with a C30 cyclotron, it is able to produce most nuclides routinely used in clinical PET (C-11, N-13, O-15 and F-18).

Research axes & Expertise

The unit is equipped with 2PET/CT and 1 PET/MR and 4 SPECT cameras (1 SPECT/CT) for imaging and a complete radiochemistry lab for production and quality control of the tracers. The clinical activity is centred on neurology, internal medicine, cardiology and oncology. Research also involves development of new PET tracers or applications.

Application fields

- Clinical and Research Imaging for inflammatory and malignant disorders.
- Functional Brain Imaging applications - physiological and pathophysiological (epilepsy, neurodegenerative and neurodevelopmental disorders, brain tumours).

Major projects/partnerships/collaborations

Several collaborations and contracts with academic and industrial partners.

Key figures

Funded in 1977, 3 senior and 3 junior physicians; centre equipped with cyclotron facilities for routine production of ^{18}F -FDG, ^{18}F -NaF, ^{18}F -Fluorocholine, ^{11}C -methionine and various new tracers.

Contact

- Website: www.erasme.ulb.ac.be
- Contact person: Prof. Serge Goldman, M.D., Ph.D. , sgoldman@ulb.ac.be
- Phone: +32 2 555 47 11 ; Fax: +32 2 555 47 01