

# **BRACCO FELLOWSHIPS EDUCATION IN RESEARCH ENROLMENT FORM**

**Name of Institution** Maastricht University Medical Center +

**City and Country of Institution** Maastricht, the Netherlands

## **RESEARCH GROUP**

The research group is an internationally orientated and active group in the field of hybrid imaging, in particular for breast cancer, including 18F-FDG PET/CT, 18F-FDG PET/MRI and recently also with the introduction of 68Ga-FAPI. The mission for the proposed research project is to participate in a recently started prospective trial investigating the added value of 68Ga-FAPI PET when compared to 18F-FDG PET in breast cancer patients.

## **TITLE OF PROPOSED RESEARCH PROJECT**

Diagnostic performance of 68Ga-FAPI PET imaging compared to 18F-FDG PET in breast cancer patients

## **OBJECTIVES**

- To investigate the diagnostic accuracy of 68Ga-FAPI PET when compared to 18F-FDG PET imaging in breast cancer patients

## **APPLICANT'S DUTIES**

- Assist with patient accrual for the study
- Perform personal project with the use of 68Ga-FAPI PET (to be determined: tracer production, pilot study analysis, etc.)
- Assist with current scientific manuscript for 68Ga-FAPI in breast cancer patients

## **APPLICANT'S BENEFITS**

- Participation on scientific outcomes of the project i.e. presentations to congresses or publications of papers
- Obtain and/or increase experience in production of 68Ga-FAPI in hotlab
- Obtain and/or increase experience with the use of 68Ga-FAPI PET in research setting
- Project Leader: Dr. T.J.A. van Nijnatten
- Members: Dr. M. Bauwens, Prof. Dr. F. Mottaghy, Prof. Dr. J.E. Wildberger