



Internship proposition
One page max
M2 I3/OHNU 2024-25



Lab:

UIC Médecine Nucléaire – HOTEL DIEU CHU NANTES

team:

UIC Médecine Nucléaire – HOTEL DIEU CHU NANTES

Name and position of the supervisor:

BIGER Marine - Study Coordinator

BAILLY Clement - MCUPH

Email of the supervisor:

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Candidate:

Clinical research profile

Title of the internship:

Improvement of Assessment of Patient-reported Outcome Measures in mCRPC patients treated with 177LuPSMA.

Summary of the internship proposal:

The VISION trial has established internal vectorized radiotherapy as a new therapeutic standard in metastatic castration-resistant prostate cancer (mCRPC). The first “real-life” observational studies of these patients who had failed treatment with androgen deprivation and chemotherapy, and were treated with 177Lu-PSMA-617, were carried out in the Nuclear Medicine Department at Nantes University Hospital. Despite limited follow-up and a small number of patients included, we observed encouraging results both in terms of survival and improvement in quality of life in these patients with no other therapeutic alternative. These findings also highlighted the need to implement and harmonize clinical assessment of performance status, quality of life and pain in our patients treated with 177Lu-PSMA-617. In a previous project, a survey of existing questionnaires was carried out, along with several interviews with practitioners and patients to find the questions that best assess patients’ QoL, in order to help professionals in their intervention. A first draft of a questionnaire dedicated to 177Lu-PSMA was written. The aims of this work will be to test the applicability of this questionnaire to clinical trials underway in the nuclear medicine department and to suggest possible areas for improvement both its form and its content.

Option(s) linked to the project:

Clinical Research Profile

Data Analyst Profile

Experimental Biology Profile