DR. KATHERINE VALLIS,
Professor of Experimental Radiotherapeutics, Group Leader, Oxford Institute for Radiation Oncology Honorary Consultant in Clinical Oncology, Oxford University Hospitals NHS Trust (United Kingdom)

TITLE: Radionuclide Theranostics for Cancer

BIOGRAPHY: Dr. Katherine Vallis heads the Experimental Radiotherapeutics Group at the Oxford Institute for Radiation Oncology, Oxford University, and is a Consultant Radiation Oncologist at Oxford University Hospitals NHS Foundation Trust. Her research focuses on the development of peptide-, oligonucleotide- and antibody-based radiopharmaceuticals, to image and treat cancer. The aims are to improve drug design and delivery, and to understand the biodistribution, dosimetry and radiobiological effects of new and approved agents. A major focus is on how best to combine radionuclide therapy with other treatments, particularly external beam radiotherapy.