Molecular Radiotherapy
Targeting cancer at the cellular level

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Continuing Education, 126 Mount Pleasant, Liverpool University

The lecture will review current and new developments in molecular radiotherapy. Molecular radiotherapy is the use of potent radionuclides administered to patients as unsealed radioactive sources. The underlying principle is the selective molecular uptake of the agent in the lesion to be treated where it releases its cytotoxic dose of radiation targeted at the cellular and molecular level with minimal uptake in normal tissues.