2. Development of the new generation of the radiopharmaceuticals, for example, on the basis of somatostatine and some other receptor binding ligands.

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when considering the global actionmental protection. The management of sign layer redresetted waste (MAM) containing long-lived nuclides is one of the most important problems to be solved before the foture conjugant of

In 1988, Japan is Atomic Energy Commission published a report entities congitate Program for Research and Development on Nuclide Partitioning and brandsubstion Technology", which plots a course for technological development up to the year 2000. The "OMEGA" program is an acronym daylyed

From College Making Extra Cains of Acitinides and fission products:
In this progress, a partitioning technology should be developed for separating elements to high-level liquid waste (NLY) into four groups; branch elements (180), Sr Co. (c-plasticum group welds (ROM) and other amount time. Inno-lived mucities such as INM mucitales should be transmuted by

sing an actimide burner reactor, FBR, etc.

At the Japan Atomic Emercy Research Institute (JAERI), development of a partitioning method started about 20 years ago. From 1973 to 1984, a partitioning process was developed for separating elements in MLLM into three groups; (Add. Sr-Ca and others [1,2]. The partitioning process consists of three staps; the first is solvent extraction of a and Pu with triputy phosphoric acta (DEP), the second is solvent extraction of Am and Ca with disodecylphosphoric acta (DEPA), and the third is adsorption of Sr and Ca with with inorganic ion exchangers. The process was demonstrated by using real

Since 1985, a four group partitioning process has been developed, in which a step for separating the To-PGF group was developed in addition to