

## C. Radiopharmaceutical and Biomedical Technology

Number	R&D Achievement Name	Applicable Industry	Executive Unit	Contact Person	Extension	Remarks
C001	Magnetic Resonance Contrast Technology	Chemical and Pharmaceutical Industry	Division of Chemistry	Chang, Yu	5336	
C002	High Pressurized Circulating Cooling Target	Radioisotope Industry	Division of Isotope Application	Chen Jenn-Tzong	7179	
C003	Radioisotope Thallium-201 Separation Process	Radioisotope and Medical Industry	Division of Isotope Application	Chen Jenn-Tzong	7179	
C004	Liquid Isotope Delivery system	Radioisotope, Radiochemical and Radiopharmaceutical Industry	Division of Isotope Application	Chen Jenn-Tzong	7179	
C005	The Technological Development of Molecular Imaging Agent for Peptide Receptor Radionuclide Therapy (PRRT)	Medical Industry, Pharmacy, Chemical Bioengineering	Division of Isotope Application	Huang Yuan-Ruei	7165	
C006	The Technological Development of $^{188}\text{Re}$ -HSA Nanosphere for Radiotherapy	Medical Industry, Pharmacy, Chemical Bioengineering	Division of Isotope Application	Huang Yuan-Ruei	7165	
C007	The Technology of Theranostic $^{188}\text{Re}$ -liposome for Cancer Therapy	Medical Industry, Pharmacy, Chemical Bioengineering	Division of Isotope Application	Huang Yuan-Ruei	7105	

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C008	Quantification Method for Remaining Liver Function and Novel Liver Receptor Imaging Agent (Technique of Multivalent Glycoside Synthesis and Refinement)	Medicine, Pharmacy, Chemical Bioengineering & Pharmacy	Division of Isotope Application	Mei-Hui Wang	7162	
C009	Radio-labeled Technique of INER MIBG <I-123> Injection	Radio-Pharmacy, Pharmaceutical Factory	Division of Isotope Application	Cheng-Liang Peng	7298	
C010	TAU Protein Imaging Agent Compound	Pharmaceutical and Medical Industry	Division of Isotope Application	Chen Jenn-Tzong	7179	
C011	An Innovative Technique of siRNA Pharmaceutical with Both Targeting and Image Distribution	Pharmaceutical, Chemical Bioengineering & Pharmacy	Division of Isotope Application	Mei-Hui Wang	7162	
C012	Medical/Non-medical X-ray Imaging Equipment/Components Technology	Medical Equipment, Pre-clinical Research, Animal Imaging, Veterinary Diagnosis, Baggage Inspection, Nondestructive Testing(NDT)	Health Physics Division	Wu, Yung-Chun	7986	

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C013	Molecular Imaging System/Component Technologies	Medical Device Industry	Health Physics Division	Wu, Yung-Chun	7986	
C014	Low dose 3D X-ray imaging system – Taiwan TomoDR	Medical Device Industry	Health Physics Division	Wu, Yung-Chun	7986	
C015	Radiation Protection Safety Testing Technology for Medical X-ray Devices	Medical Diagnosis X-ray Devices	Health Physics Division	Chu, Chien-Hau	7741	
C016	Radiation Dose Monitoring Instruments for X-ray machines	X-ray Machines Used in Hospitals, Industries, Scientific Research, Dentistry and Veterinary Medicine	Health Physics Division	Chu, Chien-Hau	7741	