

Number	R&D Achievement Name	Applicable Industry	Contact Person	Extension
F001	Method for Production of Cellulolytic Enzymes by Pretreated lignocellulosic substrates	Industry of Bioenergy, Food, Paper and Specialty Chemicals	Sheng-Hsin Chou	5119
F002	Preparation Method Conductive to Enhancing Enzymatic Activity of Cellulase	Industry of Cellulosic Alcohol, Paper, Forestry and Bioagriculture	Sheng-Hsin Chou	5119
F003	Method for Enzymatic Hydrolysis of Cellulosic Biomass	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Sheng-Hsin Chou	5119
F004	High-performance Xylose Fermentation Yeast Strain for Cellulosic Ethanol	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Chen, Chia-Hsin	5106
F005	Apparatus for continuously processing lignocellulose material	Bioenergy, Food, Feed, Papermaking, Speciality chemicals	Wen-Hua Chen	5115
F006	The process for depolymerizing and saccharifying agricultural and forestry wastes	Bioenergy, Food, Feed, Papermaking, Speciality chemicals	Wen-Hua Chen	5115
F007	Compositional analysis technology of biomass	Bioenergy, Biochemicals, Forestry, Bioagriculture, etc.	Wen-Hua Chen	5115
F008	Medium-high Temperature Carbon Dioxide Capture Technology	Industries such as Cement, Steel, Petroleum Refining, Petrochemistry, and Thermal Power Generation.	Yu, Ching-Tsung	5103
F009	Technology of Removal of Mercury in Syngas from Gasification	Industries such as Power Generation, Steel, Environmental Protection, Petroleum Refining, and Petrochemistry.	Yu, Ching-Tsung	5103
F010	Ethanol Fermentation Technology of Lignocellulose	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Wei-Lin Tu	5007

Number	R&D Achievement Name	Applicable Industry	Contact Person	Extension
F011	A Production Strain of 2,5-Furandicarboxylic Acid (FDCA)	Industry of Forestry, Agriculture and Bioplastics Manufacturing	Wei-Lin Tu	5007
F012	A Production Strain of L-form Lactic Acid	Industry of Biochemicals, Forestry and Bioagriculture	Wei-Lin Tu	5007
F013	A Production Strain of D-form Lactic Acid	Industry of Biochemicals, Forestry and Bioagriculture	Wei-Lin Tu	5007
F014	A Production Strain and Fermentation Technology of D-form Lactic Acid	Industry of Forestry, Agriculture and Bioplastics Manufacturing	Wei-Lin Tu	5007
F015	High Performance Cellulosic Ethanol Fermentation Strain Using Glucoses	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Chia-Hsin Chen	5106
F016	Production Technique of Lactic Acid Using Multiple Sugar-based Lignocellulosic Biomass	Industry of Forestry, Agriculture, Bioplastics Manufacturing, Food Package and Pharmaceutical	Chia-Hsin Chen	5106
F017	Xylitol and Bioethanol Co-production Fermentation Technology	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Chung-Mao Ou	5061
F018	Lactic Acid Production Process Using Lignocellulose as Feedstock	Industry of Biochemicals, Forestry and Bioagriculture	Chung-Mao Ou	5061
F019	Bioethanol Process Using Agricultural and Forestry Waste as Feedstock	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Chung-Mao Ou	5061
F020	Rapid Esterification of Lignocellulosic Lactic Acid	Industry of Biochemicals and Petrochemical	Ming-Feng Jang	5353

Number	R&D Achievement Name	Applicable Industry	Contact Person	Extension
F021	Process and Equipment for the Demonstration Production of Cellulosic Lactic Acid Using Woody Biomass as Feedstock	Industry of Wood Processing and Bioplastics Manufacturing	Chung-Mao Ou	5061
F022	Process Technology for Depolymerization and Saccharification of Woody Lignocellulosic Biomass	Industry of Wood Processing and Bioplastics Manufacturing	Fong-Yu Yen	5102
F023	Organosolv Pretreatment Method for Lignocellulosic Biomass	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Fong-Yu Yen	5102
F024	Integrated Method for Improving Production Rate of Biogas Using Depolymerization with Anaerobic Digestion from Lignocellulosic Feedstock	Industry of Bioenergy, Biochemicals, Forestry and Bioagriculture	Ming-Feng Jang	5353
F025	The screening PHA strains for fluorescent staining analytic technology	Biotechnology and medicine, environment and energy	Chou, Hung-Che	5021
F026	A rapid method for detecting bacterial PHAs synthesis	Biotechnology and Medicine, Environment and Energy	Liang, Chen-Hsien	5387
F027	The applications of halophilic microorganisms and its fermentation technology	Biotechnology and Medicine, Environment and Energy	Sheng-Hsin Chou	5119
F028	Production of polyhydroxyalkanoates(PHAs) by bacterial fermentation	Biotechnology and Medicine, Environment and Energy	Hsiao-Kai, Chu	5378

Number	R&D Achievement Name	Applicable Industry	Contact Person	Extension
F029	PHA extraction process technology	Environment and Energy, Materials Chemical Industry and Nano	Chen,SEN- HOUNG	5039