Progress report 2015

Department of Advanced Clinical Science and Therapeutics

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The Department of Advanced Clinical Science and Therapeutics, established at the University of Tokyo in 2004, aims to develop new clinical strategies and therapy in cardiovascular medicine and other areas. This department hopes to develop not only basic research, but also applications to devise new clinical strategies.

2015 was a landmark year for this department. We finished the accumulation of clinical data on priodontitis and cardiovascular diseases in TMDU. We performed public health research and gathered data on more than 1300 cases. Mr. Akimoto became a member of our department and started his experimental and clinical research work. Dr. Tada left our lab and moved into their new fields. Some graduate students published their papers and got the degrees of Doctor. We expanded several clinical research projects with many departments in medical schools, hospitals and companies. This department hopes to develop not only basic research, but also applications to devise new clinical strategies.

Jun-ichi Suzuki, MD, PhD
Director and Project Associate Professor

Basic Research

Gene Therapies against Cardiovascular Disease
Novel Compounds to Treat Cardiovascular Disease
Novel Effects of Antibodies to Treat Cardiovascular Disease
Novel Effects of Natural Products to Treat Cardiovascular Disease
Applications of Conservative Drugs to Treat Cardiovascular Disease
New strategies to regulate rejection in cardiac transplantation
New strategies to regulate myocarditis
New strategies to regulate myocardial ischemia
New strategies to regulate arteriosclerosis
New strategies to regulate heart failure
New strategies to regulate aortic aneurysm

Clinical Research

Gene therapies to prevent restenosis and thrombosis after coronary intervention
Pathophysiology of sleep apnea syndrome and cardiovascular disease
Pathophysiology of periodontitis and cardiovascular disease
Treatment and prognosis of heart failure
Biomarkers for diagnosis of cardio-renal syndrome
Pathophysiology of annulo-aortic ectasia in patients with Marfan syndrome

Original Articles in English

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