

Clinical Laboratory Research Unit

<Original papers>

Takeda T, Unno H, Morita H, Futamura K, Emi-Sugie M, Arae K, Shoda T, Okada N, Igarashi A, Inoue E, Kitazawa H, Nakae S, Saito H, Matsumoto K, Matsuda A.

Platelets constitutively express interleukin-33 protein and modulate eosinophilic airway inflammation. *J Allergy Clin Immunol.* 2016 (in press)

Kimura A, Sakurai T, Yoshikura N, Koumura A, Hayashi Y, Ohtaki H, Chousa M, Seishima M, Inuzuka T. Identification of Target Antigens of Antiendothelial Cell Antibodies Against Human Brain Microvascular Endothelial Cells in Healthy Subjects. *Curr Neurovasc Res.* 12: 25-30, 2015.

Takamatsu M, Hirata A, Ohtaki H, Hoshi M, Ando T, Ito H, Hatano Y, Tomita H, Kuno T, Saito K, Seishima M, Hara A. Inhibition of indoleamine 2,3-dioxygenase 1 expression alters immune response in colon tumor microenvironment in mice. *Cancer Sci.* 106:1008-1015, 2015.

Sarumaru M, Watanabe M, Inoue N, Hisamoto Y, Morita E, Arakawa Y, Hidaka Y, Iwatani Y, Association between functional SIRT1 polymorphisms and the clinical characteristics of patients with autoimmune thyroid disease, *Autoimmunity* (in press).

Akahane M, Watanabe M, Inoue N, Miyahara Y, Arakawa Y, Inoue Y, Katsumata Y, Hidaka Y, Iwatani Y, Association of the polymorphisms of chemokine genes (IL8, RANTES, MIG, IP10, MCP1 and IL16) with the pathogenesis of autoimmune thyroid diseases, *Autoimmunity* (in press).

<Presentations>

Kondo H, Nagai Y, Kawai Y. Proposal for recommendations for the use of the mean platelet size(MPS) in flow cytometry(FCM) to standardize the mean platelet volume(MPV) in automated hematology analyzers(HAs), The XXVIIIth International Symposium on Technological Innovations in Laboratory Hematology, Chicago, Illinois, 2015.5