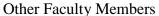
Nephrology

Principal Investigator Kunihiro Yamagata

E-mail.address k-yamaga@md.tsukuba.ac.jp

URL https://nephtsukuba.wixsite.com/nephrology-tsukuba



Associate Professor Joichi Usui: <u>j-usui@md.tsukuba.ac.jp</u>
Associate Professor Chie Saito: chie.saito@md.tsukuba.ac.jp
Assistant Professor Naoki Morito: morito@md.tsukuba.ac.jp
Assistant Professor Hirayasu Kai: hirayasu.kai@md.tsukuba.ac.jp
Assistant Professor Shuzo Kaneko: <u>sz-kaneko@md.tsukuba.ac.jp</u>



Major Scientific Interests of the Group

Major purpose of our research is acting to decrease the number of patients with end-stage kidney failure using both clinical and biological procedures. Through some research activities, we set out to develop a physician scientist enable to lead nephrology medical research on the cutting edge.

Projects for Regular Students in Doctoral or Master's Programs

- 1) Intervention, epidemiological cohort study for patients with chronic kidney disease
- 2) Biological analysis for molecular mechanism of glomerular disease focusing transcription factor, development, aging and inflammation process

Study Programs for Short Stay Students (one week – one trimester)

- 1) Statistics of clinical data set
- 2) Immunohistochemical staining of kidney tissue (immunofluorescence and immunoenzymatic technique) including antigen retrieval, optimization of staining, and evaluation of specificity

Selected Publications

- 1) Yamagata K et al. Effect of behavior modification on outcome in early- to moderate-stage chronic kidney disease: a cluster-randomized trial. PLoS One 2016; 11(3): e0151422
- 2) <u>Yamagata K</u> el al. Histopathological classification of anti-neutrophil cytoplasmic antibody-associated glomerulonephritis in a nationwide Japanese prospective 2-year follow-up cohort study. Clin Exp Nephrol 2019; 23(3): 387-394
- 3) Morito N, <u>Yamagata K</u>, et al. Overexpression of Mafb in podocytes protects against diabetic nephropathy. J Am Soc Nephrol 2014; 25(11): 2546-2557
- 4) Nagai K, <u>Yamagata K</u> et al. Involvement of pentraxin-3 in anti-neutrophil cytoplasmic antibody production induced by aluminum salt adjudvant. Clin Exp Rheumatol 2017; 35(5): 735-738