Recently, reports of abnormal weather events have become more frequent worldwide. There has also been news of frequent water-related natural disasters occurring. Insufficient intake of water and heat stroke have a great influence on health, especially in the urological field, and there might also be an influence on urinary tract diseases, such as stone formation and micturition function.

In this issue, seven Original Articles, five Urological Notes and three Editorial Comments are published, centering on topics regarding urinary tract diseases. Sarier et al. (Antalya, Turkey) reported their experience of the outcomes of ex vivo stone surgery in the donor kidney at the time of renal transplantation. Ichihara et al. (Sapporo, Japan) clarified the efficacy of silodosin as a second-line α-blocker monotherapy in patients with benign prostatic hyperplasia who had received another α-blocker, but complained about their lower urinary tract symptoms. Yoshida et al. (Obu, Japan) reported the first nationwide study in Japan to quantify anticholinergic use in individuals aged ≥65 years who were either overactive or non-overactive bladder patients. Yamanishi et al. (Tokyo, Japan) assessed the cost-effectiveness of mirabegron relative to tolterodine extended release for the treatment of overactive bladder as the first-line treatment. Otsuka et al. (Chiba, Japan) showed that a low albumin/globulin ratio was an independent predictive factor associated with poor prognoses for patients with upper tract urothelial carcinoma treated with radical nephroureterectomy. Leonetti et al. (Parma, Italy) investigated the efficacy of stereotactic body radiotherapy in oligometastatic urothelial carcinoma with node-only involvement. Ma et al. (Lexington, USA) showed that repeated intravesical protease-activated receptor 4 instillation resulted in extended abdominal mechanical hypersensitivity to produce persistent bladder pain without overt bladder inflammation. Yoshida et al. (Osaka, Japan) developed a unique experimental kidney model for in vitro study of retrograde intrarenal surgery, to potentially assist endourological surgeons in selecting the best procedures for patients. As such, each article has interesting, valuable content, so please enjoy this issue by all means.

Conflict of interest

None declared.