

Special Issue

New Challenges in Urolithiasis

Message from the Guest Editors

Urolithiasis is a relevant disease worldwide and its incidence has been increasing in recent years. Endourology has emerged as a crucial component of urological surgery and procedures are now commonplace in Urology departments worldwide. Key milestones in managing the disease include shock wave lithotripsy (SWL), rigid and flexible ureteroscopy (URS, RIRS), and percutaneous nephrolithotomy (PCNL), along with more recent developments like combined procedures (ECIRS) and the integration of robotic and laparoscopic surgery.

Moreover, a more detailed focus on prevention in patients with recurrent urinary stones and the primary role for metabolic evaluation are further confirmation that urolithiasis has to be evaluated by urologists and not only from a surgical point of view.

This Special Issue aims to cover all aspects of urolithiasis research including diagnosis, epidemiology, pathogenesis, clinical biochemistry, nutrition, open surgery, minimally-invasive and non-invasive surgical intervention for the disintegration and/or removal of stones, nephrological investigation, and the prophylaxis of the disorder.

Guest Editors

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