



Dongeun Yong

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Dr. Dongeun Yong is Professor of Laboratory Medicine at Yonsei Univ. Coll. of Med, Seoul, Korea since March of 2013. He has previously worked in the same department as a specialist in and professor of Laboratory Medicine. He completed his Ph.D. in Biochemistry at Korea Univ. Med. Coll. Seoul, Korea (Sep of 2002). After then, he spent two years at the Cardiff University (Wales, UK) as a research fellow to research the carbapenem resistance mechanisms of gram-negative bacteria (Sep of 2006 - Aug of 2008) and characterized the novel metallo-beta-lactamase, NDM-1 & AIM-1.

He has actively worked in the field of ‘In vitro evaluation of new antimicrobial agents’, ‘Characterizing novel beta-lactam resistance’, ‘Epidemiology of antibiotic resistant bacteria’, and ‘Structure and activities of metallo-beta-lactamases’.

He believes that the clinical microbiologist should not only be involved in the clinics-supporting role for diagnosing infections but also serve as an important contributor to all components for the drug/ device development process. Therefore, his interests have also been on the discovery of novel alternative drugs or targets using deep sequencing and bioinformatics. His achievements in the science field have been published in the international and domestic Scientific Journals.

- a) In vitro evaluation for new antimicrobial agents
- b) Characterizing novel beta-lactam resistance
- b) Epidemiology of antimicrobial-resistant bacterial infections
- d) Structure and activities of metallo-beta-lactamases
- e) Novel antimicrobial target and alternative antibacterial agents study