

• **Name:** Hyukmin Lee

• **Current Position:**

Professor, Department of Laboratory Medicine and Research Institute of Bacterial Resistance, Yonsei University College of Medicine

• **Country:** Korea

• **Educational Background:**

He received his Ph.D. in the Laboratory Medicine from Yonsei University and other Master of Medicine from the Yonsei University in Korea. He served on the Director of Infection Control in Korean Society of Laboratory Medicine.

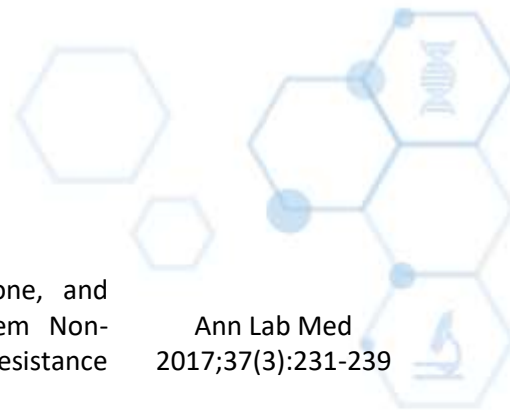
• **Professional Experience:**

1997.3 – 2001.2	Residency in Department of Laboratory Medicine
2001.3 – 2004.4	Military Service as Director of Department of Laboratory Medicine Daegu National Armed Force Hospital, Daegu, Korea
2004.4 – 2005.2	Clinical fellowship in Department of Laboratory Medicine Severance Hospital, Yonsei University Medical Center, Seoul, Korea
2005.3 – 2006.3	Instructor, Department of Laboratory Medicine Myongji Hospital, Kwandong University Medical College, Goyang, Korea
2006.4 – 2010.3	Assistant Professor, Department of Laboratory Medicine Myongji Hospital, Kwandong University Medical College, Goyang, Korea
2010.4 – 2013.2	Associate Professor, Department of Laboratory Medicine Myongji Hospital, Kwandong University Medical College, Goyang, Korea
2013.3 – 2015.2	Associate Professor, Department of Laboratory Medicine, Kwandong University Medical College, Goyang, Korea
2015.3 – 2015.2	Professor, Department of Laboratory Medicine Catholic Kwandong University Medical College, Incheon, Korea
2016.3 – 2019.2	Doctor, Department of Laboratory Medicine, Gangnam Severance Hospital, Yonsei University Medical College, Seoul, Korea
2019.3- At present	Professor, Department of Laboratory Medicine, Severance Hospital, Yonsei University Medical College, Seoul, Korea

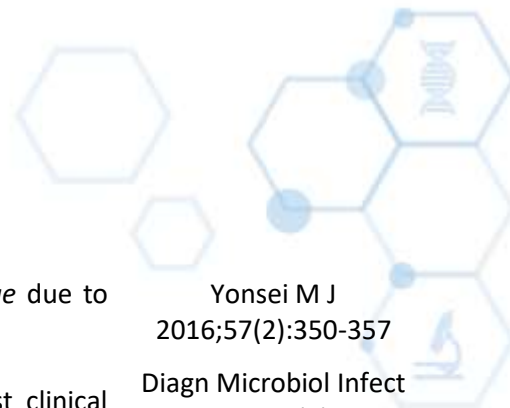
• **Professional Organizations:**

- Director of Infection Control, Korean Society for Laboratory Medicine and Team leader of COVID-19 Response TFT, Korean Society for Laboratory Medicine
- Director of Special Affairs, Korean Society of Clinical Microbiology
- Director of Business Affairs, Korean Society for Healthcare-associated Infection Control

• **Main Scientific Publications:**



Increasing Resistance to Extended-Spectrum Cephalosporins, Fluoroquinolone, and Carbapenem in Gram-Negative Bacilli and the Emergence of Carbapenem Non-Susceptibility in <i>Klebsiella pneumoniae</i> : Analysis of Korean Antimicrobial Resistance Monitoring System (KARMS) Data From 2013 to 2015	Ann Lab Med 2017;37(3):231-239
Recent Increase in the Incidence of TEM-135 β -Lactamase-harboring <i>Neisseria gonorrhoeae</i> in Korea	Ann Lab Med 2018;38(4):324-330
Correlation of aminoglycoside consumption and amikacin- or gentamicin-resistant <i>Pseudomonas aeruginosa</i> in long-Term nationwide analysis: Is antibiotic cycling an effective policy for reducing antimicrobial resistance?	Ann Lab Med. 2018 Mar;38(2):176-178
Abrupt Increase in Rate of Imipenem Resistance in <i>Acinetobacter baumannii</i> Complex Strains Isolated from General Hospitals in Korea and Correlation With Carbapenem Administration During 2002–2013	Ann Lab Med. 2018 Mar;38(2):179-181
Trends in South Korean Antimicrobial Use and Association with Changes in <i>Escherichia coli</i> Resistance Rates: 12-year ecological study using a nationwide surveillance and antimicrobial prescription database	PLoS One. 2018 Dec 31; 13(12):e0209580
Methicillin-Resistant <i>Staphylococcus aureus</i> Blood Isolates Harboring a Novel Pseudo-staphylococcal Cassette Chromosome mec Element	Front Microbiol. 2019 Mar 29;10:540
Ceftaroline resistance by clone-specific polymorphism in penicillin-binding protein 2a of methicillin-resistant <i>Staphylococcus aureus</i>	Antimicrob Agents Chemother 2018;62(9):1-8
Prospective Observational Study of the Clinical Prognoses of Patients with Bloodstream Infections Caused by Ampicillin-Susceptible but Penicillin-Resistant <i>Enterococcus faecalis</i>	Antimicrob Agents Chemother. 2019 Jun 24;63(7)
Antimicrobial resistance of major clinical pathogens in South Korea during May 2016 and April 2017: first one-year report from Kor-GLASS	Eurosurveillance 2018 Oct;23(42)
Guidelines for the Laboratory Diagnosis of Middle East Respiratory Syndrome Coronavirus in Korea	Ann Lab Med 2016;36(1):61-69
In vitro synergistic effects of antimicrobial combinations on extensively drug-resistant <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> isolates	Ann Lab Med 2016;36(2):138-144
Emergence and Spread of Cephalosporin-Resistant <i>Neisseria gonorrhoeae</i> with Mosaic <i>penA</i> Alleles, South Korea, 2012-2017.	Emerg Infect Dis. 2019 Mar; 25(3):416-424



Increasing incidence of high-level tetracycline-resistant *Neisseria gonorrhoeae* due to clonal spread and foreign import

Yonsei M J
2016;57(2):350-357

In vitro activity of tigecycline alone and antimicrobial combinations against clinical *Neisseria gonorrhoeae* isolates

Diagn Microbiol Infect
Dis 2017;87(2):160-162

Prevalence and serogroup changes of *Neisseria meningitidis* in South Korea, 2010-2016.

Scientific Reports
2018;8(1):

New treatment options for infections caused by increasingly antimicrobial-resistant *Neisseria gonorrhoeae*

Expert Rev Anti-
Infective Ther
2016;14(2):243-256

Establishment of South Korean national antimicrobial resistance surveillance system compatible with the Global Antimicrobial Resistance Surveillance System (GLASS)

Eurosurveillance 2018
Oct;23(42)