

• **Name:** Chunhwa Ihm

• **Current Position:** Professor, Laboratory Medicine, Eulji University, School of medicine

• **Country:** Korea

• **Educational Background:**

M.D. degree from Chungnam National University, College of Medicine, Korea (1993)

Master degree from Chungnam National University, Graduate School, Korea (2000)

Ph.D. degree from Chungnam National University, Graduate School, Korea (2004)

• **Professional Experience:**

- Internship in Chungnam National University Hospital (1995)
- Residency of Clinical Pathology, Chungnam National University Hospital (2000)
- Research fellow of Bioscience, Research Institute, National Cardiovascular Center, Osaka, Japan (1999)
- Fellowship of Clinical Pathology, University of Ulsan College of Medicine and Asan Medical Center (2002)
- Research fellow of Pathology, Brigham and women's hospital, Harvard medical school, Boston, USA (2008)
- Instructor, assistant professor, associate professor of Laboratory medicine, Eulji University, School of medicine (2014)
- Professor of Laboratory medicine, Eulji University, School of medicine (present)

• **Professional Organizations:**

The Korean society for Laboratory Medicine (Director of Quality Improvement Indicators)

The Korean Society of Blood Transfusion (Director of Special Affaris)

• **Main Scientific Publications:**

- Viscosity Measurement of Whole Blood with Parallel Plate Rheometers. *biochip journal*. 2020;14(2), 179-184
- Determining Genotypic Drug Resistance by Ion Semiconductor Sequencing With the Ion AmpliSeq™ TB Panel in Multidrug-Resistant Mycobacterium tuberculosis Isolates. *Ann Lab Med*. 2019;38(4):316-323

Dae-Sik Lee,, Cheng Guo Li, Chunhwa Ihm, Hyungil Jung A three-dimensional and bevel-angled ultrahigh aspect ratio microneedle for minimally invasive and painless blood sampling *Sensors and Actuators B: Chemical* 2018;255:384-390

Chunhwa Ihm, Hwan Sub Lim, Quality Management of Clinical Chemistry Tests in Blood Center. *The Korean Journal of Blood Transfusion* 2017;28:1-12

- Application of Volume of Fluid Method to Analyze the Viscosity Effect on the Spine Formation of Blood stains. *Journal of Forensic Sciences*. 2014;56(9):1552-8
- Long-term stability of selected serum biomarkers in leftover samples. *J Lab Med Qual Assur*. 2013;35(2):122-31
- Simple and smart telemedicine device for developing regions: a pocket-sized colorimetric reader. *Lab Chip*. 2011;11(1):120-6
- Comparison of familial and sporadic chronic lymphocytic leukaemia using high resolution array comparative genomic hybridization. *British Journal of Haematology*. 2010;151(4):336-45
- Origins and functional impact of copy number variation in the human genome. *Nature*. 2010;464(7289):704-12