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Research & Clinics area

- 1) Hematopathology & Cytogenetics
- 2) Multiple myeloma
- 3) Myelodysplastic Syndrome

Education

B.S.: 1978-1982, Seoul National University College of Medicine, Seoul, Korea

M.S.: 1982-1984, Seoul National University College of Medicine, Seoul, Korea

Ph.D.: 1991-1994, Seoul National University College of Medicine, Seoul, Korea

Careers

1982-1983: Seoul National University Hospital, Internship

1983-1986: Seoul National University Hospital, Residency in Department of Laboratory Medicine

1986-1991: Sejong Hospital, Chief of Department of Laboratory Medicine

1991-1998: Korea Cancer Research Center, Section Chief of Department of Laboratory Medicine

1998-2005: Seoul National University Hospital, Associate Professor

2006- present: Seoul National University Hospital, Professor

Recent publications

Are clonal cells circulating in the peripheral blood of myelodysplastic syndrome?:

Quantitative comparison between bone marrow and peripheral blood by targeted gene sequencing and fluorescence in situ hybridization. Hwang SM, Im K, Chang YH, Park HS, Kim JA, Kim SM, Lee DS. *Leuk Res.* 2018 Jul 10;71:92-94.

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Dong-YeopShin, Jin-KyunPark, Sung-MinKim, KyongokIm, Jung-AhKim, Sun YoungKim, SangMeeHwang, Sung-SooYoon & Dong-SoonLee. ASXL1 is a molecular predictor in idiopathic cytopenia of undetermined significance *Leukemia & Lymphoma*, Published online: 10 Oct 2018.

Telomere length and somatic mutations in correlation with response to immunosuppressive treatment in aplastic anaemia. Telomere length and somatic mutations in correlation with response to immunosuppressive treatment in aplastic anaemia Hee S. Park,¹ Si N. Park,² Kyongok Im,² Sung-Min Kim,² Jung-Ah Kim,¹ Sang M. Hwang^{1,3} and Dong S. Lee. British Journal of Haematology, 2017, 178, 603–615

Idiopathic hypereosinophilia is clonal disorder? Clonality identified by targeted sequencing. Lee JS, Seo H, Im K, Park SN, Kim SM, Lee EK, Kim JA, Lee JH, Kwon S, Kim M, Koh I, Hwang S, Park HW, Kang HR, Park KS, Kim JH, Lee DS. PLoS One. 2017

The high frequency of the U2AF1 S34Y mutation and its association with isolated trisomy 8 in myelodysplastic syndrome in Asians, but not in Caucasians. Kim SY, Kim K, Hwang B, Im K, Park SN, Kim JA, Hwang SM, Bang D, Lee DS. Leuk Res. 2017 Oct;61:96-103.

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Short telomere length and its correlation with gene mutations in myelodysplastic syndrome. Hwang SM, Kim SY, Kim JA, Park HS, Park SN, Im K, Kim K, Kim SM, Lee DS. J Hematol Oncol. 2016 Jul 28;9(1):62.

Monitoring of the Clonal Fraction by Fluorescence In Situ Hybridization in Myelodysplastic Syndrome: Comparison With International Working Group Treatment Response Criteria. Park JH, Kim M, Kong SY, Yoon SS, Lee DS. Arch Pathol Lab Med. 2016 Jun;140(6):560-9.

8p11 Myeloproliferative Syndrome with t(7;8) Translocation Presenting as Acute Myeloid Leukemia: A Case Report and Literature Review. Byun JM, Lee JO, Bang SM, Yu ES, Hwang SM, Lee DS.

Acta Haematol. 2016;136(2):71-5. doi: 10.1159/000444627. Epub 2016 May 18. No abstract available.

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Burden of cytogenetically abnormal plasma cells in light chain amyloidosis and their prognostic relevance. Kim SY, Im K, Park SN, Kim JA, Yoon SS, Lee DS.

Leuk Res. 2016 May;44:45-52. doi: 10.1016/j.leukres.2016.03.001. Epub 2016 Mar 10.

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Decreased sensitivity of the automatic white precursor cell channel (WPC) for blast flagging in patients with leukopenia. Lee N, Jun JH, Lee DS. Clin Biochem. 2016 Jun;49(9):675-81.

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Gradual increase of chronic lymphocytic leukemia incidence in Korea, 1999-2010: comparison to plasma cell myeloma. Lee SJ, Tien HF, Park HJ, Kim JA, Lee DS.

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