

<b>Name</b>	Ik-Chan Song
<b>Current Position &amp; Affiliation</b>	Chungnam National University/ Associate professor
<b>Country</b>	South Korea
<b>Major Field</b>	Acute leukemia, HSCT

### Educational Background

- Bachelor's degree (1999-2003) M.D., Chungnam National University, Medical college
- Master's degree in Internal Medicine (2008-2010) M.S., Chungnam National University, Medical college
- Doctoral degree in Internal Medicine (2013-2018) Ph.D., Chungnam National University, Medical college

### Professional Experience

- Residency (05/2007-02/2011), Division of Hemato-Oncology, Department of Internal Medicine, Chungnam National University Hospital
- Fellowship (03/2011-02/2012), Division of Hemato-Oncology, Department of Internal Medicine, Chungnam National University Hospital
- Nonregular prof. (03/2012- 02/2014), Division of Hemato-Oncology, Department of Internal Medicine, Chungnam National University Hospital
- Clinical prof. (02/2014- 08/2018), Division of Hemato-Oncology, Department of Internal Medicine, Chungnam National University Hospital
- Assistant prof. (09/2018-08/2023), Department of Internal Medicine, College of Medicine, Chungnam National University
- Associate prof. (09/2023-present), Department of Internal Medicine, College of Medicine, Chungnam National University

### Other Experience and Professional Memberships

- Member of Korean Society of Hematology (KSH)
- Member of Korean Society of Blood and Marrow Transplantation (KSBMT)
- Member of Korean Association of Immunologists (KAI)
- International Member of American Society of Hematology (ASH)

### Main Scientific Publications

1. **Song IC**, Kim JN, Choi YS, Ryu H, Lee MW, Lee HJ, Yun HJ, Kim S, Kwon ST, Jo DY. Diagnostic and Prognostic Implications of Spine Magnetic Resonance Imaging at Diagnosis in Patients with Multiple Myeloma. *Cancer Res Treat* 2015 Jul;47(3):465-72.

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2. **Song IC**, Lee HJ, Kim HJ, Bae SB, Lee KT, Yang YJ, Park SY, Cho DY, Kim NY, Cho IS, Jo DY. A multicenter retrospective analysis of the clinical features of pernicious anemia in a Korean population. 2013 Feb;28(2):200-4.
  3. **Song IC**, Lee HJ, Yang YJ, Choi YS, Ryu HW, Lee MW, Moon JY, Jo DY, Kim S, Yun HJ. The efficacy and safety of platinum/vinorelbine as more than second-line chemotherapy for advanced non-small cell lung cancer. *Cancer Res Treat*. 2015 Oct;47(4):638-44.
  4. CH Kim, YS Choi, HY Moon, DY Kim, SY Lee, HJ Lee, HJ Yun, S Kim, DY Jo, **IC Song**. Methylprednisolone versus intravenous immune globulin as an initial therapy in adult primary immune thrombocytopenia. *Korean J Internal Med* 2019 Mar;34(2):383-389.
  5. Lee MW, Yeon SH, Seo WH, Ryu H, Lee HJ, Yun HJ, Jo DY, **Song IC**. A comparison of post-transplantation cyclophosphamide versus antithymocyte-globulin in patients with hematological malignancies undergoing HLA-matched unrelated donor transplantation. *Medicine (Baltimore)*. 2020 Aug 21;99(34):e21571.
  6. **Song IC**, Choi YS, Shin JW, Song HJ, Kim J, Jo DY. Retrospective screening for Philadelphia-negative myeloproliferative neoplasms in patients with cerebral infarctions as revealed using the revised 2016 World Health Organization diagnostic criteria. *Blood Res*. 2019 Dec;54(4):284-285.
  7. **Song IC**, Yeon SH, Lee MW, Ryu H, Lee HJ, Yun HJ, Kim SY, Jo DY. Thrombotic and hemorrhagic events in 2016 WHO-defined Philadelphia-negative myeloproliferative neoplasm. *Korean J Intern Med*. 2021;36(5):1190-1203.
  8. **Song IC**, Yeon SH, Lee MW, Ryu H, Lee HJ, Yun HJ, Sun BJ, Park JH, Jeong JO, Jo DY. Pulmonary hypertension in patients with chronic myeloid leukemia. *Medicine (Baltimore)*. 2021 Aug 20;100(33):e26975
  9. Lee MW, Yeon SH, Heo BY, Kwon J, Ryu H, Lee HJ, Yun HJ, Jo DY, **Song IC**. Impact of pre-transplant use of antibiotics on the graft-versus-host disease in adult patients with hematologic malignancies. *Hematology*. 2021 Dec;26(1):96-102.
  10. **Song IC**, Jo DY, Kim HJ, Min YH, Hong DS, Lee WS, Shin HJ, Lee JH, Park J, Kim HJ. Clinical features and outcomes of hypocellular acute myeloid leukemia in adults: A Korean AML registry data. *Medicine (Baltimore)*. 2021 Jan 8;100(1):e24185.
  11. **Song IC**, Lee HJ, Kim HJ, Bae SB, Lee KT, Yang YJ, Park SY, Cho DY, Kim NY, Cho IS, Jo DY. Myelofibrotic and leukemic transformation in 2016 WHO-defined Philadelphia-negative myeloproliferative neoplasm. *Blood Res*. 2022 Mar 31;57(1):59-68.
  12. Seo W, Yoo S, Zhong Y, Lee SH, Woo SY, Choi HS, Won M, Roh T, Jeon SM, Kim KT, Silwal P, Lee MJ, Heo JY, Lawlor N, Kim S, Lee D, Kim JM, **Song IC**, Zhu J, Jo EK. Targeting ERR $\alpha$  promotes cytotoxic effects against acute myeloid leukemia through suppressing mitochondrial oxidative phosphorylation. *J Hematol Oncol* 2022 Oct 26;15(1):156.
  13. Yeon SH, Lee MW, Duong TT, Kang S, Jee S, Ahn SY, Ryu H, Lee HJ, Kwon JH, Yun HJ, Jo DY, **Song IC**. Cardiopulmonary exercise test with comorbidity index before allogeneic hematopoietic stem cell transplantation. *Integr Cancer Ther* 2022 Jan-Dec;21:15347354221134249.
  14. **Song IC**, Kang S, Lee MW, Ryu H, Lee HJ, Yun HJ, Jo DY. Acquired von Willebrand syndrome in patients with Philadelphia-negative myeloproliferative neoplasm. *Blood Res* 2023 Feb 8.
  15. Heo BY, Lee MW, Choi S, Jung Y, Pham TTD, Jang Y, Park JH, Kang S, Koh JS, Jo DY, Kwon J, **Song IC**. Autoimmune Limbic Encephalitis in Patients with Hematologic Malignancies after Haploidentical Hematopoietic Stem Cell Transplantation with Post-Transplant Cyclophosphamide. *Cells*. 2023 Aug 11;12(16):2049. doi: 10.3390/cells12162049.
  16. Jang Y, Koh JS, Park JH, Choi S, Duong PTT, Heo BY, Lee SW, Kim JY, Lee MW, Kim SH, **Song IC**. Enhanced Expression of Glycolytic Enzymes and Succinate Dehydrogenase Complex Flavoprotein Subunit
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17. Koh JS, **Song IC.** Functional iron deficiency anemia in patients with cancer. *Blood Res.* 2024 Aug 7;59(1):26. doi: 10.1007/s44313-024-00030-w.

18. Heo BY, Koh JS, Choi SY, Pham TTD, Lee SW, Park JH, Jang Y, Lee MW, Lee SB, Seo W, Jo DY, Kwon J, **Song IC.** Comparison of Regulatory T-Cell Subpopulations in Antithymocytic Globulin Versus Post-Transplant Cyclophosphamide for Preventing Graft-Versus-Host Disease in Allogeneic Hematopoietic Stem Cell Transplantation-A Retrospective Study. *Int J Mol Sci.* 2025 Mar 11;26(6):2521. doi: 10.3390/ijms26062521.

19. Koh JS, Lee MW, Pham TTD, Heo BY, Choi S, Lee SW, Seo W, Kang S, Lee SB, Kim CH, Ryu H, Eun HS, Lee HJ, Yun HJ, Jo DY, **Song IC.** Post-transplant cyclophosphamide plus anti-thymocyte globulin decreased serum IL-6 levels when compared with post-transplant cyclophosphamide alone after haploidentical hematopoietic stem cell transplantation. *Blood Res.* 2025 Jan 15;60(1):5. doi: 10.1007/s44313-024-00049-z.

20. Pham TTD, Choi SY, Koh JS, Heo BY, Lee SW, Lee MW, Seo W, Jang Y, Park JH, Jo DY, Yoo S, Kwon J, **Song IC.** Elevated TIM3 expression on bone marrow T cells drives immune dysfunction in early relapsed blood cancer after allogeneic hematopoietic stem cell transplantation. **Exp Hematol Oncol** 2025;14(1):107.

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