

Curriculum Vitae

NAME: Hong (family name), Kyung Taek

Degree: M. D.

Position title: Clinical Assistant Professor of Pediatrics

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A. Education/Training/License

Education

2002-2008 Seoul National University College of Medicine, M.D.
2011-2017 Seoul National University College of Medicine, Master of Molecular and Clinical Oncology
2017- Seoul National University College of Medicine, Ph.D. of Translational Medicine

Training

2008-2009 Medical Internship, Seoul National University Hospital
2009-2013 Medical Residency, Pediatrics, Seoul National University Hospital
2013-2016 International Cooperation Doctor in Hospital General de San Pedro, Paraguay, KOICA
2016-2018 Fellowship of hemato-oncology division, Pediatrics, Seoul National University Hospital.

License

2008 M. D. (98146)
2013 Board of Pediatrics. (6204)
2018 Board of Pediatric Hematology and Oncology

B. Positions and Membership

Academic Appointments

2018- Clinical Assistant Professor of Pediatrics, Seoul National University Hospital, Seoul

Other Experience and Professional Memberships

2013- Member, Korean Society of Pediatrics

2016- Member, Korean Society of Pediatric Hematology and Oncology

2016- Member, Korean Society of Hematopoietic Stem Cell Transplantation

2016- Member, Korean Society of Hematology

2018- Member, Korean Society of Gene and Cell Therapy

C. Honors and Award

2011 Good Presentation Award
Symposium of Korean Society of Pediatric Hematology and Oncology

2012 Good Presentation Award
53th Symposium of Korean Society of Hematology

2016 Best Presentation Award
Symposium of Korean Society of Pediatric Hematology and Oncology

2017 Good Presentation Award
Annual symposium of International Congress of BMT 2017

2018 Good Presentation Award
Symposium of Korean Society of Pediatric Hematology and Oncology

2019 Best oral presentation award
2019 Korean society of hematology International conference (ICKSH)

D. Selected peer-reviewed SCI(E) publications (in chronological order)

1. **Hong KT**, Kang HJ, Kim NH, Kim MS, Lee JW, Kim H, Park KD, Shin HY, Ahn HS. Successful mobilization using a combination of plerixafor and G-CSF in pediatric patients who failed previous chemomobilization with G-CSF alone and possible complications of the treatment. *J Hematol Oncol*. 2012 Mar 30;5:14.
2. **Hong KT**, Kang HJ, Kim NH, Kim MS, Lee JW, Kim H, Park KD, Shin HY, Ahn HS. Peri-engraftment syndrome in allogeneic hematopoietic SCT. *Bone Marrow Transplant*. 2013 Apr;48(4):523-8.

3. Kang HJ*, **Hong KT***, Lee JW, Kim H, Park KD, Shin HY, Lee SH, Yoo KH, Sung KW, Koo HH, Lee JW, Chung NG, Cho B, Kim HK, Koh KN, Im HJ, Seo JJ, Jung HJ, Park JE, Lee YH, Lim YT, Lim YJ, Kim SY, Yoo ES, Ryu KH, Lee JH, Park JA, Park SK, Ahn HS; Korean Society of Pediatric Hematology. Improved Outcome of a Reduced Toxicity-Fludarabine, Cyclophosphamide, plus Thymoglobulin Conditioning Regimen for Unrelated Donor Transplantation in Severe Aplastic Anemia: Comparison of 2 Multicenter Prospective Studies. *Biol Blood Marrow Transplant*. 2016 Aug;22(8):1455-9.
4. Wun CM, Piao Z, **Hong KT**, Choi JY, Hong CR, Park JD, Park KD, Shin HY, Kang HJ. Effect of donor STAT4 polymorphism rs7574865 on clinical outcomes of pediatric acute leukemia patients after hematopoietic stem cell transplant. *Int Immunopharmacol*. 2017 Feb; 43:62-69.
5. Rhee SJ, Lee JW, Yu KS, **Hong KT**, Choi JY, Ry Hong C, Park KD, Shin HY, Song SH, Kang HJ, Lee H. Pediatric patients undergoing hematopoietic stem cell transplantation can greatly benefit from a novel once-daily intravenous busulfan dosing nomogram. *Am J Hematol*. 2017 Jul; 92(7):607-613.
6. Kim B, Lee JW, **Hong KT**, Yu KS, Jang IJ, Park KD, Shin HY, Ahn HS, Cho JY, Kang HJ. Pharmacometabolomics for predicting variable busulfan exposure in paediatric haematopoietic stem cell transplantation patients. *Sci Rep*. 2017 May; 10;7(1):1711
7. An HY, **Hong KT**, Kang HJ, Choi JY, Hong C, Kim HY, Choi TH, Kang CH, Kim HS, Cheon JE, Park SH, Park JD, Park KD, Shin HY. Malignant peripheral nerve sheath tumor in children: A single-institute retrospective analysis. *Pediatr Hematol Oncol*. 2017 Nov; 34(8):468-477
8. **Hong KT**, Choi JY, Hong CR, Kang HJ, Park JD, Shin HY. Therapy-related Acute Myeloid Leukemia After the Treatment of Primary Solid Cancer in Children: A Single-center Experience. *J Pediatr Hematol Oncol*. 2018, 40(1):e23-e28
9. **Hong KT**, Kang HJ, Choi JY, Hong CR, Cheon JE, Park JD, Park KD, Song SH, Yu KS, Jang IJ, Shin HY. Favorable outcome of post-transplantation cyclophosphamide haploidentical peripheral blood stem cell transplantation with targeted busulfan-based myeloablative conditioning using intensive pharmacokinetic monitoring in pediatric patients. *Biol Blood Marrow Transplant*. 2018 Nov;24(11):2239-2244.
10. Chung H*, **Hong KT***, Lee JW, Rhee SJ, Kim S, Yoon SH, Yu KS, Kang HJ. Pharmacokinetics of fludarabine and its association with clinical outcomes in paediatric haematopoietic stem cell transplantation patients. *Bone Marrow Transplant*. 2019 Feb;54(2):284-292
11. Moon SY, Lim JH, Kim EH, Nam Y, Yu KS, **Hong KT**, Choi JY, Hong CR, Kim H, Kang HJ, Shin HY, Lee K, Song J, Lee SY, Song SH. Quantification of Thiopurine Nucleotides in Erythrocytes


- and Clinical Application to Pediatric Acute Lymphoblastic Leukemia. *Ther Drug Monit.* 2019 Feb;41(1):75-85.
12. Hong CR, Lee S, Hong KT, Choi JY, Shin HY, Choi M, Kang HJ. Successful haploidentical transplantation with post-transplant cyclophosphamide for activated phosphoinositide 3-kinase δ syndrome. *J Allergy Clin Immunol Pract.* 2019 Mar;7(3):1034-1037
 13. Hwang SM, Park HS, Park S, Kim SM, Hong KT, Chang YH, Lee DS. Application of Fluorescence In Situ Hybridization on Cerebrospinal Fluid Cytospins for the Detection of Residual Leukemic Cells in Patients With Childhood Acute Lymphoblastic Leukemia. *Am J Clin Pathol.* 2019 Mar 1;151(4):416-423.
 14. Park WY, **Hong KT(C)**, Ahn HY, Choi JY, Kang HJ, Park SH, Shin HY. Late Recurrence of Wilms Tumor After 17 Years: A Case Report. *J Pediatr Hematol Oncol.* 2019 Apr 3. doi: 10.1097/MPH.0000000000001473. [Epub ahead of print]
 15. Choi JY, Kang HJ, Hong KT, Hong CR, Lee YJ, Park JD, Phi JH, Kim SK, Wang KC, Kim IH, Park SH, Choi YH, Cheon JE, Park KD, Shin HY. Tandem high-dose chemotherapy with topotecan-thiotepa-carboplatin and melphalan-etoposide-carboplatin regimens for pediatric high-risk brain tumors. *Int J Clin Oncol.* 2019 Dec;24(12):1515-1525
 16. Park HJ*, **Hong KT***, Yun SO, Ahn HY, Choi JY, Shin HY, Kang HJ. Successful treatment of refractory CMV colitis after haploidentical HSCT with post-transplant cyclophosphamide using CD45RA+ depleted donor lymphocyte infusion. *Bone Marrow Transplant.* 2019 Sep 16. doi: 10.1038/s41409-019-0685-z. [Epub ahead of print]
 17. Hong CR, Kang HJ, Moon SJ, Oh J, Hong KT, Choi JY, Yu K, Shin HY. Pharmacokinetics of high-dose carboplatin in children undergoing high-dose chemotherapy and autologous stem cell transplantation with BSA-based dosing. *Bone Marrow Transplant.* 2020 Jan;55(1):137-146
 18. Kim BK, Kang HJ, Hong KT, An HY, Choi JY, Lee JS, Park SS, Shin HY. Successful preemptive therapy with single-dose rituximab for Epstein-Barr virus infection to prevent post-transplant lymphoproliferative disease after pediatric hematopoietic stem cell transplantation. *Transpl Infect Dis.* 2019 Dec;21(6):e13182.
 19. Han MS, Choi EH, Lee HJ, Yun KW, Kang HJ, Hong KT, Choi JY, Shin HY. Cytomegalovirus disease in a retinoblastoma cohort: The role of preemptive screening. *Pediatr Blood Cancer.* 2020 Mar;67(3):e28101.
 20. Choi JY, Kang HJ, An HY, Hong KT, Shin HY. Nitrosourea, etoposide and cyclophosphamide followed by autologous stem cell transplantation for pediatric lymphoma patients. *Int J*

Hematol. [Epub ahead of print]

21. Choi HJ, Choi JY, Kim BK, An HY, Hong KT, Shin HY, Kang HJ. Combination Therapy With Chemotherapy, Donor Lymphocyte Infusion With Concurrent Blinatumomab in Relapsed/Refractory Acute Precursor B-Lymphoblastic Leukemia. *J Pediatr Hematol Oncol.* [Epub ahead of print]
22. Lee GH*, Hong KT*, Choi JY, Shin HY, Lee WW, Kang HJ. Immunosenescent characteristics of T cells in young patients following haploidentical haematopoietic stem cell transplantation from parental donors. *Clin Transl Immunology.* 2020 Apr 8;9(4):e1124.
23. Hong KT, Lee DH, Kim BK, An HY, Choi JY, Phi JH, Cheon JE, Kang HJ, Kim SK, Kim JY, Park SH, Kim IH, Shin HY. Treatment outcome and long-term follow-up of central nervous system germ cell tumor using upfront chemotherapy with subsequent photon or proton radiation therapy: a single tertiary center experience of 127 patients. *BMC Cancer.* 2020 9;20(1):979

E. Clinical Research Training

27Apr2017	The Basic Training Course for Investigators & GCP training
22Aug2018	The Basic Training Course for IRB Committee Members & GCP Training
23Oct2019	The Basic Training Course for IRB Committee Members & GCP Training
19Jun2020	The Basic Training Course for IRB Committee Members & GCP Training

Signature of Investigator : 	Date:
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