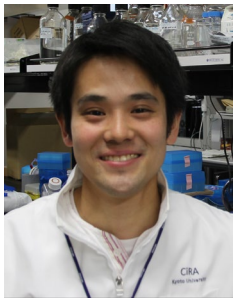

CURRICULUM VITAE

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Educations

M.D.: Faculty of Medicine, Shinshu University, 2003

Ph.D.: Department of Pediatrics, Graduate School of Medicine, Kyoto University, 2012

Work Experiences

2016- Assistant professor at Department of Pediatrics (current position)
(Pediatric Hematology and Oncology), Kyoto University Hospital, Kyoto, Japan

2014 - 2016 Research Associate, Stem cell laboratory, UCL cancer institute, UK

2011 - 2014: Assistant professor at Department of Pediatrics
(Pediatric Hematology and Oncology), Kyoto University Hospital, Kyoto, Japan

2010 - 2011: Research Fellow of the Japan Society for the Promotion of Science,
Center for iPS cell Research and Application (CiRA), Kyoto University

2008 - 2010: The Assistant Coordinator of the Graduate Course for Integrated Research Training, Kyoto University

2006 - 2007: Pediatrician in department of Pediatrics, Kyoto University Hospital, Kyoto, Japan

2003 - 2006: Pediatric Residency in St. Luke's international Hospital, Tokyo, Japan

Licenses

Medical License in Japan, from 2003

Pediatric Specialist certified by Japan Pediatric Society, from 2008

Board Certified Member of the Japanese Society of Hematology, from 2012

UK License for Animal experiments (PIL), from 2014

Board Certified Trainer of the Japanese Society of Hematology, from 2017

Board Certified Trainer of the Japanese Pediatric Society, from 2018

Board Certified Specialist of the Japan Society for Hematopoietic Cell Transplantation, from 2018

Board Certified Member of the Japanese Society of Pediatric Hematology/ Oncology, from 2019

Awards

[2010] Travel Award for ISSCR 8th annual meeting
Kyoto University Global Center of Excellence Program "Center for Frontier Medicine"

[2010] 52nd ASH Travel Award

[2012] Keizo Ohta Memorial Prize from the Morinaga Foundation for Health & Nutrition, Japan.

[2012] Japan Leukemia Research Fund

[2019] Shoikai Award

Published papers

1. **Kato I**, Manabe A, Aoyama C, et al., Development of diffuse large B cell lymphoma during the maintenance therapy for B-lineage acute lymphoblastic leukemia.
   Pediatr Blood Cancer, 48,230-2. 2007
2. Kato M, Sanada M, **Kato I**, et al., Frequent inactivation of A20 in B-cell lymphomas.
   Nature, 459, 712-6. 2009
3. **Kato I**, Umeda K, Awaya T, et al., Successful treatment of refractory donor lymphocyte infusion-induced immune-mediated pancytopenia with rituximab.
   Pediatr Blood Cancer, 2010;54, 329-31.
4. **Kato I**, Niwa A, Heike T, et al. Identification of Hepatic Niche Harboring Human Acute Lymphoblastic Leukemic Cells via the SDF-1/CXCR4 Axis. ***PLoS One***, 6,e27042. 2011
5. Niwa A, Heike T, Umeda K, Oshima K, **Kato I**, et al. A novel serum-free monolayer culture for orderly hematopoietic differentiation of human pluripotent cells via mesodermal progenitors. ***PLoS One***, 6,e22261. 2011
6. Saida S, Watanabe K, Sato-Otsubo A, Terui K, Yoshida K, Okuno Y, Toki T, Wang R, Shiraishi Y, Miyano S, **Kato I**, et al. Clonal selection in xenografted TAM recapitulates the evolutionary process of myeloid leukemia in Down syndrome. ***Blood***,121, 4377-4387. 2013
7. Daifu T, **Kato I**, Kozuki K, Umeda K, Hiramatsu H, Watanabe K, Kamiya I, Taki T, Nakahata T, Heike T, Adachi S, The clinical utility of genetic testing for t(8;16)(p11;p13) in congenital acute myeloid leukemia. ***J Pediatr Hematol Oncol*** 2014, 36, e325-7.
8. Sakashita K, **Kato I**, T. Daifu et al. In vitro expansion of CD34+CD38- cells under stimulation with hematopoietic growth factors on AGM-S3 cells in juvenile myelomonocytic leukemia. ***Leukemia.***29, 606-14. 2015
9. Nemoto A, Saida S, **Kato I**, et al. Specific anti-leukemic activity of PD0332991, a CDK4/6 inhibitor, against Philadelphia-chromosome positive lymphoid leukemia.
   Mol Cancer Ther. 15,94-105.2016
10. Kodama Y, Manabe A, Kawasaki H, **Kato I**, et al. Salvage therapy for children with relapsed or refractory Philadelphia chromosome-positive acute lymphoblastic leukemia.
    Pediatr Blood Cancer 2017.64(8)
11. Eddaoudi A, Canning S.L, **Kato I**. Flow Cytometric Detection of G0 in Live Cells by Hoechst 33342 and Pyronin Y Staining.
    Methods in molecular biology (Clifton, N.J.) 2018, 1686, 49-57.
12. Mikami T, **Kato I**, Nozaki F,et al. Sudden spinal hemorrhage in a pediatric case with total body irradiation-induced cavernous hemangioma. ***Pediatr Blood Cancer***. 2018, 65,e27250.
13. **Kato I**, Nishinaka Y, Nakamura M, et al. Hypoxic adaptation of leukemic cells infiltrating the CNS affords a therapeutic strategy targeting VEGFA.
    Blood. 129,3126-3129. 2017