**List of Progress in Hematology "Review Series" 2015-2016
\*\*\*2016\*\*\*
Management and analyses of registry database of hematopoietic stem cell transplantation in Japan (Edited by Yoshinobu Kanda)**

1. Atsuta Y. Introduction of Transplant Registry Unified Management Program 2 (TRUMP2): scripts for TRUMP data analyses, part I (variables other than HLA-related data). Int J Hematol. 2016; 103:3-10.
2. Kanda J. Scripts for TRUMP data analyses. Part II (HLA-related data): statistical analyses specific for hematopoietic stem cell transplantation. Int J Hematol. 2016; 103:11-9.
3. Kuwatsuka Y. Quality control and assurance in hematopoietic stem cell transplantation data registries in Japan and other countries. Int J Hematol. 2016; 103:20-4.

**Mesenchymal Stromal/Stem Cells (Edited by Yasuo Miura)**

1. Miura Y. Human bone marrow mesenchymal stromal/stem cells: current clinical applications and potential for hematology. Int J Hematol. 2016; 103:122-8.
2. Kim N, Cho S-G. Overcoming immunoregulatory plasticity of mesenchymal stem cells for accelerated clinical applications. Int J Hematol. 2016; 103:129-37.
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4. Nguyen TM, Arthur A, Gronthos S. The role of Eph/ephrin molecules in stromal–hematopoietic interactions. Int J Hematol. 2016; 103:145-54.

**Pediatric MDS/MPN (Edited by Atsushi Manabe)**

1. Hasegawa D. The current perspective of low-grade myelodysplastic syndrome in children. Int J Hematol. 2016; 103:360-4.
2. Sashida S. Evolution of myeloid leukemia in children with Down syndrome. Int J Hematol. 2016; 103:365-72.
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1. Hao S, Chen C, Cheng T. Cell cycle regulation of hematopoietic stem or progenitor cells. Int J Hematol. 2016; 103:487-97.
2. Wang Z, Ema H. Mechanisms of self-renewal in hematopoietic stem cells. Int J Hematol. 2016; 103:498-509.
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4. Yu Z, Yingdai G. Novel chemical attempts at ex vivo hematopoietic stem cell expansion. Int J Hematol. 2016; 103:519-29.

 **Epigenetic and metabolic regulation in hematopoiesis/leukemogenesis (Edited by Atsushi Hirao)**

1. Jiang Y, Nakada D. Cell intrinsic and extrinsic regulation of leukemia cell metabolism. Int J Hematol. 2016; 103:607-16.
2. Celik H, Kramer A, Challen GA, DNA methylation in normal and malignant hematopoiesis. Int J Hematol. 2016; 103:617-26.
3. Inoue S, Lemonnier F, Mak TW. Roles of IDH1/2 and TET2 mutations in myeloid disorders. Int J Hematol. 2016; 103:627-33.
4. Takamatsu-Ichihara E, Kitabayashi I. The roles of Polycomb group proteins in hematopoietic stem cells and hematological malignancies. Int J Hematol. 2016; 103:634-42.

**Current Gene therapy for hematological disorders (Edited by Masato Yamamoto and Kenzaburo Tani)**

1. Yamamoto M, Tani K. Current status and recent advances of gene therapy in hematological diseases. Int J Hematol. 2016; 104:4-5.
2. Davila ML, Sadelain M. Biology and clinical application of CAR T cells for B cell malignancies. Int J Hematol. 2016; 104:6-17.
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5. Tani K. Current status of ex vivo gene therapy for hematological disorders: a review of clinical trials in Japan around the world. Int J Hematol. 2016; 104:42-72.

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2. Narita A, Kojima S. Biomarkers for predicting clinical response to immunosuppressive therapy in aplastic anemia. Int J Hematol. 2016; 104:153-8.
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**Mechanisms of action of novel drugs in multiple myeloma and those responsible for the acquired resistance (Edited by Shinsuke Iida)**

1. Iida S. Mechanisms of action and resistance for multiple myeloma novel drug treatments. Int J Hematol. 2016; 104:271-2.
2. Ri M. Endoplasmic-reticulum stress pathway-associated mechanisms of action of proteasome inhibitors in multiple myeloma. Int J Hematol. 2016; 104:273-80.
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**Molecular pathogenesis and treatment strategies ofadult leukemia (Edited by Kazunori Ohnishi)**

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1. Shono, Y, Docampo MD, Peled JU, Perobelli SM, Jenq RR. Intestinal microbiota-related effects on graft-versus-host disease. Int J Hematol. 2015; 101:428-37.
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2. Sakata-Yanagimoto M. Multistep tumorigenesis in peripheral T cell lymphoma. Int J Hematol. 2015; 102:523-7.
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