Curriculum Vitae

Tadayuki Akagi, Ph.D.

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Personal Data

Name	Tadayuki Akagi, Ph.D.
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Date of Birth	October 19, 1974
Place of Birth	Kanagawa, Japan
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Research Gate	< https://www.researchgate.net/profile/Tadayuki_Akagi >
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Education and Professional Training

2020-present	Professor Department of Life, Environment and Applied Chemistry, Faculty of Engineering, Fukuoka Institute of Technology, Japan
2015-2020	Associate Professor Department of Stem Cell Biology, Faculty of Medicine, Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Japan
2008-2015	Assistant Professor Department of Stem Cell Biology, Graduate School of Medical Science, Kanazawa University, Japan
2005-2008	Postdoctoral Research Fellow Division of Hematology and Oncology, Cedars-Sinai Medical Center, UCLA School of Medicine, USA Work supervised by Professor H. Phillip Koeffler
2004-2005	Postdoctoral Research Fellow Department of Stem Cell Biology, Graduate School of Medical Science, Kanazawa University, Japan Work supervised by Professor Takashi Yokota
2000-2004	Graduate School of Medical Science, The University of Tokyo, Japan Awarded the degree of Ph.D. in Medicine Work supervised by Professor Takashi Yokota
1998-2000	Graduate School of Integrated Science, Yokohama City University, Japan

	Awarded the degree of Master of Science Work supervised by Professor Michiyuki Yamada
1994-1998	Faculty of Science, Yokohama City University, Japan Awarded the degree of Bachelor of Science

Current Projects

1. Involvement of oncogenes in the self-renewal of ES cells.
2. Molecular mechanisms of naïve status for pluripotent stem cells.
3. Analysis of Transcription Factor C/EBP in Hematopoiesis.
4. Relationship between chromatin remodeling factors and the self-renewal of ES cells.

Publications

1. Banday AZ, Kaur A, **Akagi T**, Bhattarai D, Muraoka M, Dev D, Das J, Sachdeva MUS, Karmakar I, Arora K, Kaur G, Pandiarajan V, Jindal AK, Wada T, Koeffler HP, Suri D, Ahluwalia J, Kanegane H, Bhatia P, Rawat A, Singh S. A Novel CEBPE Variant Causes Severe Infections and Profound Neutropenia. ***J Clin Immunol.*** 2022;42:1434-1450.
2. Muraoka M, **Akagi T***, Ueda A, Wada T, Koeffler HP, Yokota T, Yachie A. C/EBPε ΔRS derived from a neutrophil-specific granule deficiency patient interacts with HDAC1 and its dysfunction is restored by trichostatin A. ***Biochem Biophys Res Commun***. 2019;516:293-299. *Corresponding author.
3. Kinjo T, Sun C, Ikeda T, Ikegami T, Tada Y, **Akagi T**, Yokota T, Koide, H. Platelet-derived growth factor-C functions as a growth factor in mouse embryonic stem cells and human fibrosarcoma cells. ***Cell Mol Biol Lett.*** 2018;23:8
4. Zhu B, Ueda A, Song X, Horike SI, Yokota T, **Akagi T***. Baf53a is involved in survival of mouse ES cells, which can be compensated by Baf53b. ***Sci Rep.*** 2017;7:14059. **∗Corresponding author**
5. Ueda A, **Akagi T***, Yokota T. GA-Binding Protein Alpha Is Involved in the Survival of Mouse Embryonic Stem Cells. ***Stem Cells***. 2017;35:2229-2238. **∗Corresponding author**
6. Kometani M, Yoneda T, Demura M, Koide H, Nishimoto K, Mukai K, Gomez-Sanchez CE, **Akagi T**, Yokota T, Horike SI, Karashima S, Miyamori I, Yamagishi M, Takeda Y. Cortisol overproduction results from DNA methylation of CYP11B1 in hypercortisolemia. ***Sci Rep***. 2017; 7 :11205.
7. Xie J, Lin D, Lee DH, Akunowicz J, Hansen M, Miller C, Sanada M, Kato M, **Akagi T**, Kawamata N, Ogawa S, Koeffler HP. Copy number analysis identifies tumor

suppressive lncRNAs in human osteosarcoma. ***Int J Oncol***. 2017;50:863-872

8. Wada T and **Akagi T**. Role of the leucine zipper domain of CCAAT/enhancer binding protein-epsilon (C/EBPε) in neutrophil-specific granule deficiency. ***Critical Reviews™ in Immunology.*** 2016; 36:349-358.
9. Uranishi K, **Akagi T***, Koide H, Yokota T. Esrrb directly binds to Gata6 promoter and regulates its expression with Dax1 and Ncoa3. ***Biochem Biophys Res Commun.*** 2016; 478:1720-5. ***Corresponding author**
10. **Akagi T**, Kuure S, Uranishi K, Koide H, Costantini F, and Yokota T. ETS-related Transcription Factors ETV4 and ETV5 are Involved in Proliferation and Induction of Differentiation-associated Genes in ES cells. ***J Biol. Chem.*** 2015; 290: 22460-22473.
11. Wada T[#], **Akagi T[#]**, Muraoka M, Toma T, Kaji K, Agematsu K, Koeffler HP, Yokota T, Yachie A. A novel in-frame deletion in the leucine zipper domain of C/EBP-epsilon leads to neutrophil-specific granule deficiency. ***J Immunol***. 2015; 195:80-86. **[#]Equal contribution**
12. Kanai D, Ueda A, **Akagi T**, Yokota T, Koide H. Oct3/4 directly regulates expression of E2F3a in mouse embryonic stem cells. ***Biochem Biophys Res Commun.*** 2015; 459:374-8.
13. Garg M, Okamoto R, Nagata Y, Kanojia D, Venkatesan S, M T A, Braunstein GD, Said JW, Doan NB, Ho Q, **Akagi T**, Gery S, Liu LZ, Tan KT, Chng WJ, Yang H, Ogawa S, Koeffler HP. Establishment and characterization of novel human primary and metastatic anaplastic thyroid cancer cell lines and their genomic evolution over a year as a primagraft. ***J Clin Endocrinol Metab***. 2015;100:725-35.
14. Tada Y, Yamaguchi Y, Kinjo T, Song X, **Akagi T**, Takamura H, Ohta T, Yokota T, Koide H. The stem cell transcription factor ZFP57 induces IGF2 expression to promote anchorage-independent growth in cancer cells. ***Oncogene***. 2015;34:752-60.
15. Nowak D, Liem NL, Mossner M, Klaumünzer M, Papa RA, Nowak V, Jann JC, **Akagi T**, Kawamata N, Okamoto R, Thoennissen NH, Kato M, Sanada M, Hofmann WK, Ogawa S, Marshall GM, Lock RB, Koeffler HP. Variegated clonality and rapid emergence of new molecular lesions in xenografts of acute lymphoblastic leukemia are associated with drug resistance. ***Exp Hematol.*** 2015;43:32-43.
16. Hakim F, Kaitsuka T, Raeed JM, Wei FY, Shiraki N, **Akagi T**, Yokota T, Kume S, and Tomizawa K. High Oxygen Condition Facilitates the Differentiation of Mouse and Human Pluripotent Stem Cells into Pancreatic Progenitors and Insulin-Producing Cells. ***J Biol. Chem.*** 2014;289:9623-38
17. Yamaguchi Y, Takamura H, Tada Y, **Akagi T**, Oyama K, Miyashita T, Tajima H, Kitagawa H, Fushida S, Yokota T, Ohta T, Koide H. Nanog positively regulates Zfp57

expression in mouse embryonic stem cells. ***Biochem Biophys Res Commun.*** 2014;453:817-20.

18. Okamoto R, Gery S, Gombart AF, Wang X, Castellani LW, **Akagi T**, Chen S, Arditi M, Ho Q, Lusis AJ, Li Q, Koeffler HP. Deficiency of CCAAT/enhancer binding protein-epsilon reduces atherosclerotic lesions in LDLR-/- mice. ***PLoS ONE***. 2014; 9:e85341.
19. Okamoto R, Sigal G, Kuwayama Y, Borregaard N, Ho Q, Alvarez R, **Akagi T**, Liu GY, Uskokovic MR, Koeffler HP. Novel gemini-vitamin D3 analogs: Large structure/function analysis and ability to induce antimicrobial peptide. ***Int J Cancer.*** 2014; 134:207-17.
20. Wang F, Demura M, Cheng Y, Zhu A, Karashima S, Yoneda T, Demura Y, Maeda Y, Namiki M, Ono K, Nakamura Y, Sasano H, **Akagi T**, Yamagishi M, Saijoh K, Takeda Y. Dynamic CCAAT/enhancer binding protein (CEBP)-associated changes of DNA methylation in the angiotensinogen gene. ***Hypertension***. 2014; 63:281-8
21. Fujii Y, Kakegawa M, Koide H, **Akagi T***, Yokota T. Zfp296 is a novel Klf4-interacting protein and functions as a negative regulator. ***Biochem Biophys Res Commun***. 2013;441:411-417. ***Corresponding author**
22. Uranishi K, **Akagi T***, Sun C, Koide H, Yokota T. Dax1 Associates with Esrrb and Regulates Its Function in Embryonic Stem Cells. ***Mol Cell Biol***. 2013; 33: 2056-66. ***Corresponding author**
23. Okamoto R, Delansorne R, Wakimoto N, Bodoan N, **Akagi T,** Shen M, Ho QH, Said J, Koeffler HP. Inecalcitol, an analog of $1\alpha,25(OH)_2D_3$, induces growth arrest of androgen-dependent prostate cancer cells. ***Int J Cancer.*** 2012; 130: 2464-73.
24. Ura H, Murakami K, **Akagi T**, Kinoshita K, Yamaguchi S, Masui S, Niwa H, Koide H, Yokota T. Eed/Sox2 regulatory loop controls ES cell self-renewal through histone methylation and acetylation. ***EMBO J***. 2011; 30:2190-2204.
25. **Akagi T**, Thoennissen NH, George A, Crooks G, Song JH, Okamoto R, Nowak D, Gombart AF, and Koeffler HP. *In vivo* Deficiency of both C/EBPβ and C/EBPε Results in Highly Defective Myeloid Differentiation and Lack of Cytokine Response. ***PLoS ONE***. 2010; 5: e15419
26. Okamoto R, **Akagi T**, Koeffler HP., Vitamin D and Hematologic Malignancies (Chapter 11) In: "Vitamin D and Cancer (1st edition)" (Donald L. Trump and Candace S. Johnson eds). 2010: 251-278. Springer, Heidelberg, Germany.
27. Okamoto R, Ogawa S, Nowak D, Kawamata N, **Akagi T,** Kato M, Sanada M, Weiss T, Haferlach C, Dugas M, Ruckert C, Haferlach T, and Koeffler HP. Genomic profiling of adult acute lymphoblastic leukemia (ALL) by single nucleotide polymorphism oligonucleotide microarray and comparison to pediatric ALL. ***Haematologica***. 2010;

95:1481-1488.

28. **Akagi T**, Ito T, Kato M, Jin Z, Cheng Y, Kan T, Yamamoto G, Olaru A, Kawamata N, Boult J, Soukiasian HJ, Miller CW, Ogawa S, Meltzer SJ, and Koeffler HP. Chromosomal abnormalities and novel disease-related regions in progression from Barrett's esophagus to esophageal adenocarcinoma. ***Int J Cancer.*** 2009; 125: 2349-2359.
29. Sun C[#], Nakatake Y[#], **Akagi T[#]**, Ura H[#], Matsuda T, Nishiyama A, Koide H, Ko MS, Niwa H, Yokota T. Dax1 Binds to Oct3/4 and Inhibits Its Transcriptional Activity in Embryonic Stem Cells. ***Mol Cell Biol***. 2009; 29:4574-4583. [#]Equal contribution
30. **Akagi T**, Shih LY, Ogawa S, Gerss J, Moore SR, Schreck R, Kawamata N, Liang DC, Sanada M, Nannya Y, Deneberg S, Zachariadis V, Nordgren A, Song JH, Dugas M, Lehmann S and Koeffler HP. Single nucleotide polymorphism genomic arrays analysis of t(8;21) acute myeloid leukemia cells. ***Haematologica***. 2009; 94: 1301-1306.
31. Nowak D, Toriellec EL, Stern MH, Kawamata N, **Akagi T**, Dyer MJ, Hofmann WK, Ogawa S and Koeffler HP. Molecular allelokaryotyping of T-cell prolymphocytic leukemia (T-PLL) cells with high density SNP arrays identifies novel common genomic lesions and acquired uniparental disomy (aUPD). ***Haematologica***. 2009; 94:518-27.
32. **Akagi T**, Yin D, Kawamata N, Bartram CR, Hofmann WK, Song JH, Miller CW, den Boer ML, Koeffler HP. Functional analysis of a novel DNA polymorphism of a tandem repeated sequence in the asparagine synthetase gene in acute lymphoblastic leukemia cells. ***Leukemia Res***. 2009; 33:991-996.
33. **Akagi T**, Shih LY, Kato M, Kawamata N, Yamamoto G, Sanada M, Okamoto R, Miller CW, Liang DC, Ogawa S, Koeffler HP. Hidden abnormalities and novel classification of t(15;17) APL based on genomic alterations. ***Blood***. 2009; 113:1741-8.
34. **Akagi T**, Ogawa S, Dugas M, Kawamata N, Yamamoto G, Nannya Y, Sanada M, Miller CW, Yung A, Schnittger S, Haferlach T, Haferlach C, and Koeffler HP. Frequent genomic abnormalities in AML/MDS with normal karyotype. ***Haematologica***. 2009; 94:213-23.
35. Kumagai T[#], **Akagi T[#]**, Desmond JC, Kawamata N, Gery S, Imai Y, Song JH, Gui D, Said J and H. Phillip Koeffler HP. Epigenetic regulation and molecular characterization of C/EBPα in pancreatic cancer cells. ***Int J Cancer,*** 2009; 124:827-33. [#]Equal contribution
36. Wakimoto N, Wolf I, Yin D, O'Kelly J, **Akagi T**, Abramovitz L, Black KL, Tai HH, Koeffler HP. Nonsteroidal Anti-inflammatory Drugs Suppress Glioma via 15-Hydroxyprostaglandin Dehydrogenase. ***Cancer Res***. 2008; 68:6978-6986.

37. **Akagi T**, Luong QT, Gui D, Said J, Selektar J, Yung A, Bunce CM, Braunstein GD, Koeffler HP. Induction of sodium iodide symporter gene and molecular characterisation of HNF3beta/FoxA2, TTF-1 and C/EBPbeta in thyroid carcinoma cells. ***Br J Cancer.*** 2008; 99:781-788
38. **Akagi T,** Saitoh T, O'Kelly J, Akira S, Gombart AF, and Koeffler HP. Impaired response to GM-CSF and G-CSF, and enhanced apoptosis in C/EBPβ-deficient hematopoietic cells. ***Blood***. 2008; 111: 2999-3004*. (*This manuscript was referred in Comment at the same issue of Blood: Müller-Tidow C and Koschmieder S. The hidden faces of C/EBPβ. *Blood*. 2008;111: 2949-2950.)
39. Okamoto R, **Akagi T**, Koeffler HP. Vitamin D compounds and MDS. ***Leuk Lymphoma***. 2008; 49: 12-13.
40. Sun C, Nakatake Y, Ura H, **Akagi T**, Niwa H, Koide H, Yokota T. Stem cell-specific expression of Dax1 is conferred by STAT3 and Oct3/4 in embryonic stem cells. ***Biochem Biophys Res Commun***. 2008; 372:91-6
41. Ura H, Usuda M, Kinoshita K, Sun C, Mori K, **Akagi T**, Matsuda T, Koide H, Yokota T. STAT3 and Oct-3/4 control histone modification through induction of Eed in embryonic stem cells. ***J Biol Chem***. 2008; 283:9713-23.
42. Kinoshita K, Ura H, **Akagi T**, Usuda M, Koide H, Yokota T. GABPalpha regulates Oct-3/4 expression in mouse embryonic stem cells. ***Biochem Biophys Res Commun.*** 2007; 353:686-691.
43. **Akagi T**, Yin D, Kawamata N, Bartram CR, Hofmann WK, Wolf I, Miller CW, Koeffler HP. Methylation analysis of asparagine synthetase gene in acute lymphoblastic leukemia cells. ***Leukemia***. 2006; 20:1303-1306.
44. **Akagi T**, Usuda M, Matsuda T, Ko MS, Niwa H, Asano M, Koide H, Yokota T. Identification of Zfp-57 as a downstream molecule of STAT3 and Oct-3/4 in embryonic stem cells. ***Biochem Biophys Res Commun***. 2005; 331:23-30.
45. Kawamura H, Tomozoe Y, **Akagi T**, Kamei D, Ochiai M, Yamada M. Identification of the nucleocytoplasmic shuttling sequence of heterogeneous nuclear ribonucleoprotein D-like protein JKTBP and its interaction with mRNA. ***J Biol Chem.*** 2002; 277:2732-2739
46. **Akagi T**, Kamei D, Tsuchiya N, Nishina Y, Horiguchi H, Matsui M, Kamma H, Yamada M. Molecular characterization of a mouse heterogeneous nuclear ribonucleoprotein D-like protein JKTBP and its tissue-specific expression. ***Gene***. 2000; 245:267-273.

International Meetings

1. **Tadayuki Akagi**, Taizo Wada, Masahiro Muraoka, Tomoko Toma, Kenzo Kaji, Kazunaga Agematsu, H. Phillip Koeffler, Akihiro Yachie, Takashi Yokota. Functional analysis of 2 amino acids deleted transcription factor C/EBP epsilon found in neutrophil-specific granule deficiency. October 30, 2017. The 5th Annual Meeting of the International Cytokine and Interferon Society (ICIS 2017). Kanazawa, Japan
2. Bo Zhu, Ueda Ueda, Xiaohong Song, **Tadayuki Akagi**, Takashi Yokota. Loss of function of Baf53a (a subunit of chromatin remodeling complex) results in cell death and Baf53b, as well as Baf53a, rescue the phenotype in mouse ES cells. October 31, 2017. The 5th Annual Meeting of the International Cytokine and Interferon Society (ICIS 2017). Kanazawa, Japan
3. Atsushi Ueda, **Tadayuki Akagi**, Takashi Yokota. Ets-related transcription factor GABPα is involved in the survival of mouse embryonic stem cells. October 30, 2017. The 5th Annual Meeting of the International Cytokine and Interferon Society (ICIS 2017). Kanazawa, Japan
4. Bo Zhu, Atsushi Ueda, Xiaohong Song, **Tadayuki Akagi**, Takashi Yokota. Baf53a is involved in proliferation of ES cells by regulating p53-p21 pathway and Baf53b compensates for Baf53a function. June 14-17, 2017. ISSCR 2017 Annual Meeting. Boston Convention and Exhibition Center. Boston, USA.
5. **Tadayuki Akagi** and Takashi Yokota. Functional Analyses of ETS-related Transcription Factors ETV4/5 in Proliferation and Differentiation of Mouse ES Cells March 22-24, 2016, CiRA/ISSCR 2016 International Symposium. Kyoto, Japan
6. Taizo Wada, **Tadayuki Akagi**, Masahiro Muraoka, Tomoko Toma, Kenzo Kaji, Kazunaga Agematsu, H. Phillip Koeffler, Takashi Yokota, and Akihiro Yachie. Aberrant expression of monocyte markers on granulocytes from patients with neutrophil-specific granule deficiency. April 14-18, 2015. The 11th Congress of Asian Society for Pediatric Research. Osaka, Japan.
7. **Tadayuki Akagi.** Involvement of ETV4 and ETV5 in pluripotency and proliferation of ES cells. February 13, 2015. 2015 INTERNATIONAL SYMPOSIUM -Leading Innovation in Immunology, Hematology, Oncology and Stem Cell Biology- CPD Center, Kanazawa University Hospital, Kanazawa, Japan.
8. **Tadayuki Akagi**, Taizo Wada, Masahiro Muraoka, Tomoko Toma, Kenzo Kaji, Kazunaga Agematsu, H. Phillip Koeffler, Takashi Yokota, and Akihiro Yachie. A novel 2 amino acids deletion in the leucine zipper domain of C/EBPε leads to neutrophil-specific granule deficiency (SGD). December 6-9, 2014. The 56th America Society of Hematology Annual Meeting. San Francisco, CA, USA
9. Akihiro Yachie, Masahiro Muraoka, Taizo Wada, Yasuhisa Sakakibara, Tomoko Toma,

Tadayuki Akagi, Takashi Yokota. A case of neutrophil-specific granule deficiency presenting with recurrent pyogenic infection of the skin; pathological and molecular analysis of a novel C/EBPε mutation. October 29- November 1, 2014The 16th Biennial Meeting of the European Society for Immunodeficiencies. Prague, Czech Republic.

10. Hiroshi Koide, Yuhki Tada, Yukari Yamaguchi, **Tadayuki Akagi**, Hiroyuki Takamura, Tetsuo Ohta, and Takashi Yokota. Identification of ES cell-specific transcription factor ZFP57 as a novel oncogene. The 12th Annual Meeting of International Society for Stem Cell Research, June 19, 2014, Vancouver, Canada
11. **Tadayuki Akagi**, Satu Kuure, Hiroshi Koide, Frank Costantini, Takashi Yokota. INVOLVEMENT OF ETS-RELATED TRANSCRIPTION FACTORS ETV4 AND ETV5 IN PLURIPOTENCY AND PROLIFERATION OF MOUSE EMBRYONIC STEM CELLS. June 13-16, 2012. ISSCR 10th Annual Meeting. Yokohama, Japan.
12. Kousuke Uranishi, **Tadayuki Akagi**, Chuanhai Sun, Hiroshi Koide, and Takashi Yokota. DAX1 ASSOCIATES WITH ESRRB AND FUNCTIONS AS A REPRESSOR IN EMBRYONIC STEM CELLS. June 13-16, 2012. ISSCR 10th Annual Meeting. Yokohama, Japan.
13. Tada Yuhki, **Tadayuki Akagi**, Takashi Yokota, and Hiroshi Koide. NANOG/ZFP57 PATHWAY PROMOTES ANCHORAGE INDEPENDENT GROWTH OF HT1080 CELLS BY INDUCING IMPRINTED GENES EXPRESSION. June 13-16, 2012. ISSCR 10th Annual Meeting. Yokohama, Japan.
14. Nils Heinrich Thoennissen, **Tadayuki Akagi**, Jee Hoon Song, Gabriela B. Iwanski, and H. Phillip Koeffler. In Vivo Deficiency of Both Transcription Factors, C/EBPbeta and C/EBPepsilon, Results in Lack of Cytokine Response and a High Susceptibility for Overwhelming Infections. December 5-8, 2009. The 51th America Society of Hematology Annual Meeting. New Orleans, LA, USA.
15. Ryoko Okamoto, Yoshio Kuwayama, Adrian F. Gombart, **Tadayuki Akagi**, Milan Uskokovic and H. Phillip Koeffler. STRUCTURE/FUNCTION ANALYSIS OF NOVEL GEMINI-VITAMIN D3 ANALOGS. October 4-8, 2009. The 14th Workshop on Vitamin D. Brugge, Belgium.
16. Takashi Kumagai, **Tadayuki Akagi**, Julian C. Desmond, Norihiko Kawamata, Sigal Gery, Yasufumi Imai, Dorina Gui, Jonathan Said, H. Phillip Koeffler. Epigenetic regulation and molecular characterization of C/EBPα in pancreatic cancer cells. April 18-22, 2009. American Association for Cancer Research Annual Meeting 2009. Denver, Colorado, USA
17. Dhong Hyun T. Lee, Stephen R. Moore, Marc F. Hansen, Jennifer Akunowicz, Carl Miller, Masashi Sanada, Motohiro Kato, **Tadayuki Akagi**, Norihiko Kawamata, Seishi

Ogawa, Rhona Schreck, Phillip H. Koeffler. Allele-specific copy number analysis of human osteosarcoma by single nucleotide polymorphism (SNP) array identifies several monoallelic amplicons independent of MYC in chromosome 8 q-arm (8q). April 18-22, 2009. American Association for Cancer Research Annual Meeting 2009. Denver, Colorado, USA

18. Daniel Nowak, **Tadayuki Akagi**, Rachel Papa, Norihiko Kawamata, Nils Thoennissen, Ryoko Okamoto, Wolf K. Hofmann, Motohiro Kato, Seishi Ogawa, Richard Lock, Phillip H. Koeffler. High density SNP array allelokaryotyping of human acute lymphoblastic leukemia (ALL) xenografts in immunodeficient mice reveals genomic changes upon in vivo induction of chemoresistance. April 18-22, 2009. American Association for Cancer Research Annual Meeting 2009. Denver, Colorado, USA
19. Nils Heinrich Thoennissen, **Tadayuki Akagi**, Sam Abbassi, Daniel Nowak, Ann George, Gay M. Crooks, C. Müller-Tidow, Adrian F Gombart and H. Phillip Koeffler. Frequent in Vivo redundancy of C/EBPß and C/EBPε during Myeloid Development. December 6-9, 2008. The 50th America Society of Hematology Annual Meeting. San Francisco, CA, USA.
20. Daniel Nowak, Norihiko Kawamata, **Tadayuki Akagi**, Ryoko Okamoto, Nils Thoennissen, Wolf-Karsten Hofmann, Motohiro Kato, Torsten Haferlach, Seishi Ogawa, and H. Phillip Koeffler. High Density SNP Array Analysis of Tyrosine Kinase Inhibitor (TKI) Resistant Chronic Myeloid Leukemia (CML) Shows Secondary Genomic Alterations. December 6-9, 2008. The 50th America Society of Hematology Annual Meeting. San Francisco, CA, USA.
21. **Tadayuki Akagi**, Tetsuo Ito, Yulan Cheng, Takatsugu Kan, Motohiro Kato, Go Yamamoto, Norihiko Kawamata, Carl W. Miller, Zhe Jin, Seishi Ogawa, Stephen J. Meltzer, and H. Phillip Koeffler. Hidden abnormalities and novel disease-related genomic changes during development of esophageal adenocarcinomas. April 12-16, 2008. American Association for Cancer Research Annual Meeting 2008. San Diego, CA, USA
22. **Tadayuki Akagi**, Seishi Ogawa, Go Yamamoto, Yasuhito Nannya, Masashi Sanada, Norihiko Kawamata, Carl W. Miller, Martin Dugas, Susanne Schnittger, Torsten Haferlach, Claudia Haferlach, H. Phillip Koeffler. Numerous Genomic Abnormalities in AML with Normal Karyotype. December 8-11, 2007. The 49th America Society of Hematology Annual Meeting. Atlanta, GA, USA.
23. **Tadayuki Akagi**, Seishi Ogawa, Go Yamamoto, Masashi Sanada, Norihiko Kawamata, Carl W. Miller, Der-Cherng Liang, Lee-Yung Shih, H. Phillip Koeffler. Hidden Abnormalities and Novel Classification of t(15;17) APL Based on Genomic Alterations.

December 8-11, 2007. The 49th America Society of Hematology Annual Meeting. Atlanta, GA, USA.

24. Ryoko Okamoto, Seishi Ogawa, **Tadayuki Akagi**, Motohiro Kato, Masashi Sanada, Carl W. Miller, Norihiko Kawamata, Claudia Haferlach, Torsten Haferlach, H. Phillip Koeffler. Genetic Profiling of Adult Acute Lymphoblastic Leukemia Cells by Single Nucleotide Polymorphism Oligonucleotide Microarray. December 8-11, 2007. The 49th America Society of Hematology Annual Meeting. Atlanta, GA, USA.
25. **Tadayuki Akagi**, Quang T. Luong, Dorina Gui, Jonathan Said, Glenn Braunstein and H. Phillip Koeffler. Methylation analysis of HNF3β/FoxA2 and cellular localization of C/EBPβ in thyroid cancer cells. April 14-18, 2007. American Association for Cancer Research Annual Meeting 2007. Los Angeles, CA, USA.
26. Naoki Wakimoto, Ido Wolf, Dong Yin, James O'Kelly, **Tadayuki Akagi**, H. Phillip Koeffler. Non-steroidal anti-inflammatory drugs inhibit growth of human glioblastoma cells by upregulation of 15-hydroxyprostaglandin dehydrogenase and p21. April 14-18, 2007. American Association for Cancer Research Annual Meeting 2007. Los Angeles, CA, USA.
27. Chuanhai Sun, **Tadayuki Akagi**, Takahiko Matsuda, Hitoshi Niwa, Hiroshi Koide, Takashi Yokota. DAX-1, a novel Oct-3/4-interacting protein, is a downstream molecule of STAT3 and Oct-3/4 in embryonic stem cells. June 18-23, 2006. The 20th IUBMB International Congress of Biochemistry and Molecular Biology. Kyoto, Japan
28. Keita Kinoshita, **Tadayuki Akagi**, Masayuki Usuda, Hiroshi Koide, Takashi Yokota. Possible involvement of GABPα in the self-renewal of mouse embryonic stem cells. June 18-23, 2006. The 20th IUBMB International Congress of Biochemistry and Molecular Biology. Kyoto, Japan
29. Hiroki Ura, Masayuki Usuda, **Tadayuki Akagi**, Takahiko Matsuda, Hiroshi Koide, Takashi Yokota. Involvement of a polycomb group protein, Eed, in maintaining the undifferentiated state of ES cells. June 18-23, 2006. The 20th IUBMB International Congress of Biochemistry and Molecular Biology. Kyoto, Japan
30. **Tadayuki Akagi**, Dong Yin, Norihiko Kawamata, Claus R Bartram, Carl Miller and H. Phillip Koeffler. Methylation status and polymorphism of asparagine synthetase gene in acute lymphoblastic leukemia cells. December 10-13, 2005. The 47th America Society of Hematology Annual Meeting. Atlanta, GA, USA
31. **Tadayuki Akagi**, Masayuki Usuda, Takahiko Matsuda, S.A.Jaradat, Minoru KO, Hitoshi Niwa, Hiroshi Koide, Takashi Yokota. Role of Zfp57 and DAX-1 in Self-renewal of Embryonic Stem Cells. November 16-19, 2004. The 17th Naito Conference. Hayama, Japan

32. **Tadyuki Akagi**, Masayuki Usuda, Tkahiko Matsuda, S.A. Jaradata, Minoru Ko, Hitoshi Niwa, Hiroshi Koide, Takashi Yokota. Role of Zfp57 and Dax-1 in self-renewal of embryonic stem cells. March 24-26, 2003. The 1st annual CDB Symposium. The Origin and Formation of Multicellular Systems. Kobe, Japan
33. Michiyuki Yamada, Daisuke Kamei, **Tadayuki Akagi**, Hidenobu Kawamura, Michiru Ochiai. Molecular characterization of a novel human hnRNP D-like protein JKTBP and a possible role in mRNA nuclear transport., July, 2000., 18th International Congress of Biochemistry and Molecular Biology., Birmingham, UK.