

近期发表的RetroNectin™相关的部分论文

1. Marion G Ott. *et al.* Correction of X-linked chronic granulomatous disease by gene therapy, augmented by insertional activation of MDS1-EVI1, PRDM16 or SETBP1. *Nature Medicine* 2006 12, 401 – 409

Context: ...School) and K. Cichutek (Paul-Ehrlich-Institute) for the gift of materials and discussions during this work. **RetroNectin** (CH-296) was provided by Takara Bio Inc. This work was supported by the Swiss National Science Foundation...

2. Marina Scheller. *et al.* Hematopoietic stem cell and multilineage defects generated by constitutive β -catenin activation. *Nature Immunology* 2006 7, 1037 – 1047

Context: ...of 1:1 in the presence of 8 g/ml of polybrene and a cytokine 'cocktail', were plated onto CH296-coated plates (**Retronectin**; Takara Shuzo), were inoculated by centrifugation for 90 min at 2,200 r.p.m. in a Heraeus 8074 rotor and were...

3. Ivan Bilic. *et al.* Negative regulation of CD8 expression via Cd8 enhancer $\hat{\text{A}}$ -mediated recruitment of the zinc finger protein MAZR. *Nature Immunology* 2006 7, 392 – 400

Context: ...bone marrow cells were transferred to a 10-cm non $\hat{\text{A}}$ -tissue-culture-treated plate (Sterilin) precoated with **RetroNectin** (Takara). Infections were done according to the manufacturer's instructions by incubation for two to three 'rounds'...

4. Alex H Chang. *et al.* Stem cell $\hat{\text{A}}$ -derived erythroid cells mediate long-term systemic protein delivery. *Nature Biotechnology* 2006 24, 1017 – 1021

Context: ...Gy with 4-h interval) on the day of transplantation. Bone marrow cells were transduced in serum-free medium on **RetroNectin**-coated 6-well plate (15 g/ml, TAKARA Shuzo) for 8 h. Bone marrow cells (5×10^5 per mouse) were then...

5. Marjorie A Robbins. *et al.* Stable expression of shRNAs in human CD34+ progenitor cells can avoid induction of interferon responses to siRNAs in vitro. *Nature Biotechnology* 2006 24, 566 – 571

Context: ...vector stock was adjusted to a multiplicity of infection (MOI) of 40 in 200 l culture medium and loaded onto **RetroNectin**-coated 24-well plate (Takara Mirus). After incubation at 32 $\hat{\text{A}}$ °C for 4 h, the vector supernatant was removed and...

6. David C. Dorn. *et al.* Hematopoiesis Controlled by Distinct TIF1 γ and Smad4 Branches of the TGF β Pathway. *Cell* 2006 125: 929-941
7. Selda Samakoglu. *et al.* A genetic strategy to treat sickle cell anemia by coregulating globin transgene expression and RNA interference. *Nature Biotechnology* 2006 24, 89 – 94
8. Vladimir Jankovic. *et al* Id1 restrains myeloid commitment, maintaining the self-renewal capacity of hematopoietic stem cells. *PNAS*, Jan 2007; 104: 1260 - 1265
9. R. K. Lindemann. *et al* Analysis of the apoptotic and therapeutic activities of histone deacetylase inhibitors by using a mouse model of B cell lymphoma *PNAS*, May 2007; 104: 8071 - 8076
10. Stefan Glaser. *et al.* Enforced expression of the homeobox gene *Mixl1* impairs hematopoietic differentiation and results in acute myeloid leukemia. *PNAS* 2006 103, 16460 - 16465
11. Junya Kuroda. *et al.* Bim and Bad mediate imatinib-induced killing of Bcr/Abl⁺ leukemic cells, and resistance due to their loss is overcome by a BH3 *mimetic*. *PNAS* 2006 103, 14907 -14912
12. Ida Berglin *et al.* Effective cell and gene therapy in a murine model of Gaucher disease. *PNAS* 2006 103, 13819 - 13824
13. Christopher B. Franco. *et al.* Notch/Delta signaling constrains reengineering of pro-T cells by PU.1. *PNAS* 2006 103, 11993 - 11998
14. Richard T. Williams *et al.* *Arf* gene loss enhances oncogenicity and limits imatinib response in mouse models of Bcr-Abl-induced acute lymphoblastic leukemia. *PNAS* 2006 103, 6688 - 6693
15. Floor Weerkamp. *et al.* Wnt signaling in the thymus is regulated by differential expression of intracellular signaling molecules. *PNAS* 2006 103, 3322 – 3326
16. Barbara Savoldo. *et al* Epstein barr virus-specific cytotoxic T lymphocytes expressing the anti-CD30 ζ artificial chimeric T-cell receptor for immunotherapy of Hodgkin's disease *Blood*, May 2007; 10.1182/blood-2006-11-059139.
17. Javier Chinen. *et al* Gene therapy improves immune function in preadolescents with X-linked severe combined immunodeficiency *Blood*, Jul 2007; 110: 67 – 73
18. Christine Yeaman. *et al* C/EBP α binds and activates the PU.1 distal enhancer to induce monocyte lineage commitment *Blood*, Aug 2007; 10.1182/blood-2007-03-080291

19. Bas J. Wouters. *et al* Distinct gene expression profiles of acute myeloid/T-lymphoid leukemia with silenced CEBPA and mutations in NOTCH1 *Blood*, Aug 2007; 10.1182
20. Hardik Modi. *et al* Role of BCR/ABL gene-expression levels in determining the phenotype and imatinib sensitivity of transformed human hematopoietic cells *Blood*, Jun 2007; 109: 5411 – 5421
21. Annelies Jorritsma. *et al* Selecting highly affine and well expressed TCRs for gene therapy of melanoma *Blood*, Jul 2007; 10.1182
22. Maria K. *et al* Hematopoietic stem cell–targeted neonatal gene therapy reverses lethally progressive osteopetrosis in oc/oc mice *Blood*, Jun 2007; 109: 5178 - 5185.
23. Concetta Quintarell. *et al* Co-expression of cytokine and suicide genes to enhance the activity and safety of tumor specific cytotoxic T lymphocytes *Blood*, Jul 2007; 10.1182
24. Sarah J Neering. *et al* Leukemia stem cells in a genetically defined murine model of blast crisis CML *Blood*, Jun 2007; 10.1182
25. Cary Hsu. *et al* Cytokine-independent growth and clonal expansion of a primary human CD8⁺ T-cell clone following retroviral transduction with the IL-15 gene *Blood*, Jun 2007; 109: 5168-5177
26. Jing Fang. *et al* EPO modulation of cell cycle regulatory genes, and cell division, in primary bone marrow erythroblasts *Blood*, Jun 2007; 10.1182
27. Kristina Anderson. *et al* Ectopic expression of PAX5 promotes maintenance of biphenotypic myeloid progenitors coexpressing myeloid and B-cell lineage-associated genes *Blood*, May 2007; 109: 3697 - 3705.
28. Mo A. *et al* Cytokine and integrin stimulation synergize to promote higher levels of GATA-2, c-myb, and CD34 protein in primary human hematopoietic progenitors from bone marrow *Blood*, Mar 2007; 109: 2373 - 2379.
29. Laura A. Smit. *et al* Differential Noxa/Mcl-1 balance in peripheral versus lymph node chronic lymphocytic leukemia cells correlates with survival capacity *Blood*, Feb 2007; 109: 1660 - 1668.
30. Sabine Taschner. *et al* Down-regulation of RXR α expression is essential for neutrophil development from granulocyte/monocyte progenitors *Blood*, Feb 2007; 109: 971 - 979.
31. Toshinao Kawai. *et al* WHIM syndrome myelokathexis reproduced in the NOD/SCID mouse

xenotransplant model engrafted with healthy human stem cells transduced with C-terminus-truncated CXCR4 *Blood*, Jan 2007; 109: 78 - 84.

32. Hans-Peter Kiem. *et al* Foamy virus-mediated gene transfer to canine repopulating cells *Blood*, Jan 2007; 109: 65 - 70
33. Ina Rattmann. *et al*. Gene transfer of cytidine deaminase protects myelopoiesis from cytidine analogs in an in vivo murine transplant model. *Blood* 2006 108, 2965 -2971
34. Ute Modlich. *et al*. Cell-culture assays reveal the importance of retroviral vector design for insertional genotoxicity. *Blood* 2006 108, 2545 – 2553
35. Sabine Taschner. *et al*. Downregulation of RXR α expression is essential for neutrophil development from granulocyte/monocyte progenitors. *Blood* 2006 10, 1182
36. Matthew P. McCormack. *et al*. A critical role for the transcription factor Scl in platelet production during stress thrombopoiesis. *Blood* 2006 108, 2248 - 2256
37. Su Chu. *et al* BCR-Tyrosine 177 Plays an Essential Role in Ras and Akt Activation and in Human Hematopoietic Progenitor Transformation in Chronic Myelogenous Leukemia *Cancer Res.*, Jul 2007; 67: 7045 - 7053.
38. Jörg Cammenga. *et al* RUNX1 DNA-Binding Mutants, Associated with Minimally Differentiated Acute Myelogenous Leukemia, Disrupt Myeloid Differentiation *Cancer Res.*, Jan 2007; 67: 537 - 545.
39. Silke Landmeier. *et al* Gene-Engineered Varicella-Zoster Virus-Reactive CD4+ Cytotoxic T Cells Exert Tumor-Specific Effector Function *Cancer Res.*, Sep 2007; 67: 8335 – 8343
40. Nabil Ahmed. *et al* Regression of Experimental Medulloblastoma following Transfer of HER2-Specific T Cells *Cancer Res.*, Jun 2007; 67: 5957 – 5964
41. Miranda Buitenhuis. *et al* Molecular Mechanisms Underlying FIP1L1-PDGFR α -Mediated Myeloproliferation *Cancer Res.*, Apr 2007; 67: 3759 - 3766
42. Emanuela Colombo. *et al*. Delocalization and Destabilization of the Arf Tumor Suppressor by the Leukemia-Associated NPM Mutant. *Cancer Res* 2006 66, 3044 - 3050
43. K Gupta. *et al*. Hematopoietic cells from gadd45a-deficient and gadd45b-deficient mice exhibit impaired stress responses to acute stimulation with cytokines, myeloablation and inflammation. *Oncogene* 2006 25, 5537 - 5546
44. A Loskog. *et al*. Addition of the CD28 signaling domain to chimeric T-cell receptors

enhances chimeric T-cell resistance to T regulatory cells. *Leukemia* 2006 20, 1819 – 1828

45. Amir H. *et al* Distinct and Shared Transcriptomes Are Regulated by Microphthalmia-Associated Transcription Factor Isoforms in Mast Cells *J. Immunol.*, Jan 2007; 178: 378 – 388
46. Sunanda Basu. *et al* Protein Phosphatase 2A Plays an Important Role in Stromal Cell-Derived Factor-1/CXC Chemokine Ligand 12-Mediated Migration and Adhesion of CD34+ Cells *J. Immunol.*, Sep 2007; 179: 3075 – 3085
47. Daniel P. Sejas. *et al* Inflammatory Reactive Oxygen Species-Mediated Hemopoietic Suppression in Fance-Deficient Mice *J. Immunol.*, Apr 2007; 178: 5277 - 5287
48. Hui-Rong Jiang. *et al*. Combination of Vaccination and Chimeric Receptor Expressing T Cells Provides Improved Active Therapy of Tumors. *J. Immunol* 2006 177, 4288 – 4298
49. Helmut W. H. G. Kessels. *et al*. Generation of T Cell Help through a MHC Class I-Restricted TCR. *J. Immunol* 2006 177, 976 - 982
50. Daron Forman. *et al*. Induction of Alloreactive CD4 T Cell Tolerance in Molecular Chimeras: A Possible Role for Regulatory T Cells. *J. Immunol* 2006 176, 3410 – 3416
51. Jianda Yuan. *et al*. Langerhans-Type Dendritic Cells Genetically Modified to Express Full-Length Antigen Optimally Stimulate CTLs in a CD4-Dependent Manner. *J. Immunol* 2006 176, 2357 – 2365
52. Jennifer L. Moody. *et al* Endoglin is not Critical for Hematopoietic Stem Cell Engraftment and Reconstitution, but Regulates Adult Erythroid Development *Stem Cells*, Aug 2007; 10.1634/stemcells.2006-0602
53. Wen Tao. *et al* Enhanced Green Fluorescent Protein Is a Nearly Ideal Long-Term Expression Tracer for Hematopoietic Stem Cells, Whereas DsRed-Express Fluorescent Protein Is Not *Stem Cells*, Mar 2007; 25: 670 – 678
54. Nicholas Chadwick. *et al* Notch Signaling Induces Apoptosis in Primary Human CD34+ Hematopoietic Progenitor Cells *Stem Cells*, Jan 2007; 25: 203 – 21
55. Xiao-Bing Zhang. *et al* Effects of HOXB4 Overexpression on Ex Vivo Expansion and Immortalization of Hematopoietic Cells from Different Species *Stem Cells*, Aug 2007; 25: 2074 - 2081
56. Nicholas Chadwick. *et al*. Notch Signalling Induces Apoptosis in Primary Human CD34+

Hematopoietic Progenitor Cells. *Stem Cells* 2006 10, 1634

57. Karin Loré. *et al.* In Vitro Culture During Retroviral Transduction Improves Thymic Repopulation and Output After Total Body Irradiation and Autologous Peripheral Blood Progenitor Cell Transplantation in Rhesus Macaques. *Stem Cells* 2006 24, 1539 - 1548
58. Loretta Gammaitoni. *et al.* Serial Transplantations in Nonobese Diabetic/Severe Combined Immunodeficiency Mice of Transduced Human CD34+ Cord Blood Cells: Efficient Oncoretroviral Gene Transfer and Ex Vivo Expansion Under Serum-Free Conditions. *Stem Cells* 2006 24, 1201 - 1212
59. Noriko Miyake. *et al.* HOXB4-Induced Self-Renewal of Hematopoietic Stem Cells Is Significantly Enhanced by p21 Deficiency. *Stem Cells* 2006 24, 653 – 661
60. Christiane Beer. *et al* Matrix Fibronectin Binds Gammaretrovirus and Assists in Entry: New Light on Viral Infections *J. Virol.*, Aug 2007; 81: 8247 – 8257
61. Yung-Wei Pan. *et al* Prolonged Adherence of Human Immunodeficiency Virus-Derived Vector Particles to Hematopoietic Target Cells Leads to Secondary Transduction In Vitro and In Vivo *J. Virol.*, Jan 2007; 81: 639 - 64
62. Yung-Wei Pan. *et al.* Prolonged Adherence of HIV-derived Vector Particles to Hematopoietic Target Cells Leads to Secondary Transduction in vitro and in vivo. *J. Virol* 2006 10, 1128
63. M Yoshimitsu. *et al.* Efficient correction of Fabry mice and patient cells mediated by lentiviral transduction of hematopoietic stem/progenitor cells. *Gene Therapy* 24 Aug 2006
64. J Y Fischer-Lougheed. *et al.* Gene therapy to inhibit xenoantibody production using lentiviral vectors in non-human primates. *Gene Therapy* 03 Aug 2006
65. A Schambach. *et al.* Towards hematopoietic stem cell-mediated protection against infection with human immunodeficiency virus. *Gene Therapy* 01 Jul 2006
66. M Przybylowski. *et al.* Production scale-up and validation of packaging cell clearance of clinical-grade retroviral vector stocks produced in Cell Factories. *Gene Therapy* Jan 2006