

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 $\hat{\wedge}$ -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 $\hat{\wedge}$ -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 $\hat{\wedge}$ -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 - 1×10^6 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 I culture medium and loaded onto **RetroNectin**-coated 24-well plate (Takara Mirus). After incubation at 32 $\hat{\wedge}$ ° 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 *Mix11* 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 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 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-myc, 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 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 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.
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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
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41. Miranda Buitenhuis. *et al* Molecular Mechanisms Underlying FIP1L1-PDGFR α - Mediated Myeloproliferation *Cancer Res.*, Apr 2007; 67: 3759 – 3766

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56. Nicholas Chadwick. *et al*. Notch Signalling Induces Apoptosis in Primary Human CD34+ Hematopoietic Progenitor Cells. *Stem Cells* 2006 10, 1634
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