

## Articles published by Sheba researchers on the subject of cancer

### Year 2005

(IF - Impact Factor top 500 scientific journals)

1. Aoudjhane M, Labopin M, Gorin NC, **Shimoni A**, Ruutu T, Kolb HJ, Frassoni F, Boiron JM, Yin JL, Finke J, Shouten H, Blaise D, Falda M, Fauser AA, Esteve J, Polge E, Slavin S, Niederwieser D, **Nagler A**, Rocha V. Comparative outcome of reduced intensity and myeloablative conditioning regimen in HLA identical sibling allogeneic haematopoietic stem cell transplantation for patients older than 50 years of age with acute myeloblastic leukaemia: a retrospective survey from the Acute Leukemia Working Party (ALWP) of the European group for Blood and Marrow Transplantation (EBMT). *Leukemia*. 2005 Sep 29; (IF 5.116) [PubMed Abstract](#)
2. Arbell D, Udassin R, Koplewitz BZ, Ohana M, Genina O, Pines M, **Nagler A**. Prevention of Esophageal Strictures in a Caustic Burn Model Using Halofuginone, an Inhibitor of Collagen Type I Synthesis. *Laryngoscope*. 2005 Sep;115(9):1632-1635. [PubMed Abstract](#)
3. Arditti FD, Aviner S, **Dekel B**, Krauthgamer R, Gan J, **Nagler A**, Tabilio A, Martelli M, Berrebi A, Reisner Y. Eradication of B-CLL by autologous and allogeneic host nonreactive anti-third-party CTLs. *Blood*. 2005 Apr 15;105(8):3365-71. (IF 10.120) [PubMed Abstract](#)
4. Avivi A, **Ashur-Fabian O, Amariglio N**, Nevo E, **Rechavi G**. p53-A Key Player in Tumoral and Evolutionary Adaptation: A Lesson from the Israeli Blind Subterranean **Mole Rat**. *Cell Cycle*. 2005 Mar 11;4(3) [PubMed Abstract](#)
5. **Bakhanashvili M, Novitsky E, Rubinstein E, Levy I, Rahav G**. Excision of nucleoside analogs from DNA by p53 protein, a potential cellular mechanism of resistance to inhibitors of human immunodeficiency virus type 1 reverse transcriptase. *Antimicrob Agents Chemother*. 2005 Apr;49(4):1576- 9. (IF 4.246) [PubMed Abstract](#)
6. **Bakhanashvili M, Novitsky E, Levy I, Rahav G**. The fidelity of DNA synthesis by human immunodeficiency virus type 1 reverse transcriptase increases in the presence of polyamines. *FEBS Lett*. 2005 Feb 28;579(6):1435-40 (IF 3.609) [PubMed Abstract](#)

7. Bar J, Lukaschuk N, Zalcenstein A, Wilder S, Seger R, Oren M. The PI3K inhibitor LY294002 prevents p53 induction by DNA damage and attenuates chemotherapy-induced apoptosis. *Cell Death Differ.* 2005 Jun 3. (IF 7.008) [PubMed Abstract](#)
8. Basel-Vanagaite L, Attia R, Yahav M, Ferland RJ, Anteki L, Walsh CA, Olander T, Straussberg R, Magal N, Taub E, Drasinover V, Alkelai A, Bercovich D, Rechavi G, Simon AJ, Shohat M. The CC2D1A, a member of a new gene family with C2 domains, is involved in autosomal recessive nonsyndromic mental retardation. *J Med Genet.* 2005 Jul 20; (IF 6.368) [PubMed Abstract](#)
9. Ben-Zvi N, Shani A, Ben-Baruch G, Agmon-Levin N, Sthoeger Z, Huszar M, Ben-Arie A, Dgani R. Dermatomyositis following the diagnosis of ovarian cancer. *Int J Gynecol Cancer.* 2005 Nov-Dec;15(6):1124-6 [PubMed Abstract](#)
10. Blum R, Jacob-Hirsch J, Amariglio N, Rechavi G, Kloog Y. Ras inhibition in glioblastoma down-regulates hypoxia-inducible factor-1alpha, causing glycolysis shutdown and cell death. *Cancer Res.* 2005 Feb 1;65(3):999-1006. (IF 8.649) [PubMed Abstract](#)
11. Breda L, Gardenghi S, Guy E, Rachmilewitz EA, Weizer-Stern O, Adamsky K, Amariglio N, Rechavi G, Giardina PJ, Grady RW, Rivella S. Exploring the Role of Hepcidin, an Antimicrobial and Iron Regulatory Peptide, in Increased Iron Absorption in {beta}-Thalassemia. *Ann N Y Acad Sci.* 2005 Nov;1054:417-22 [PubMed Abstract](#)
12. Brodsky LI, Jacob-Hirsch J, Avivi A, Trakhtenbrot L, Zeligson S, Amariglio N, Paz A, Korol AB, Band M, Rechavi G, Nevo E. Evolutionary regulation of the blind subterranean mole rat, Spalax, revealed by genome-wide gene expression. *Proc Natl Acad Sci U S A.* 2005 Nov 14; (IF 10.272) [PubMed Abstract](#)
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14. Crawley C, Lalancette M, Szydlo R, Gilleece M, Peggs K, Mackinnon S, Juliusson G, Ahlberg L, Nagler A, Shimoni A, Sureda A, Boiron JM, Einsele H, Chopra R, Carella A, Cavenagh J, Gratwohl A, Garban F, Zander A, Bjorkstrand B, Niederwieser D, Gahrton

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- 16.** Cullinane CA, Lubinski J, Neuhausen SL, Ghadirian P, Lynch HT, Isaacs C, Weber B, Moller P, Offit K, Kim-Sing C, **Friedman E**, Randall S, Pasini B, Ainsworth P, Gershoni-Baruch R, Foulkes WD, Klijn J, Tung N, Rennert G, Olopade O, Couch F, Wagner T, Olsson H, Sun P, Weitzel JN, Narod SA. Effect of pregnancy as a risk factor for breast cancer in BRCA1/BRCA2 mutation carriers. *Int J Cancer*. 2005 Dec 20;117(6):988-91 ( IF 4.375) [PubMed Abstract](#)
- 17.** Dagan-Berger M, Feniger-Barish R, Avniel S, Wald H, Galun E, Grabovsky V, Alon R, **Nagler A**, Ben-Baruch A, Peled A. Role of CXCR3 carboxyl-terminus and third intracellular loop in receptor-mediated migration, adhesion and internalization in response to CXCL11. *Blood*. 2005 Dec 20; (IF 10.120) [PubMed Abstract](#)
- 18.** Dalal I, Tabori U, **Bielorai B, Golan H**, Rosenthal E, **Amariglio N, Rechavi G, Toren A**. Evolution of a T-B- SCID into an Omenn syndrome phenotype following parainfluenza 3 virus infection. *Clin Immunol*. 2005 Apr;115(1):70-3 [PubMed Abstract](#)
- 19.** Dar A, Goichberg P, Shinder V, Kalinkovich A, Kollet O, Netzer N, Margalit R, Zsak M, **Nagler A, Hardan I**, Resnick I, Rot A, Lapidot T. Chemokine receptor CXCR4-dependent internalization and resecretion of functional chemokine SDF-1 by bone marrow endothelial and stromal cells. *Nat Immunol*. 2005 Oct;6(10):1038-46. (IF 28.180) [PubMed Abstract](#)
- 20.** De Santis D, Bishara A, Witt CS, **Nagler A**, Brautbar C, Slavin S, Christiansen FT. Natural killer cell HLA-C epitopes and killer cell immunoglobulin-like receptors both influence outcome of mismatched unrelated donor bone marrow transplants. *Tissue Antigens*. 2005 Jun;65(6):519-28. [PubMed Abstract](#)

- 21.** Duvdevani M., Laufer M., Kastin A., Mor Y., Nadu A., Hanani J., Nativ O., Ramon J. Is frozen section analysis in nephron sparing surgery necessary? A clinicopathological study of 301 cases. *J. Urol.* 173:385-387, 2005. [PubMed Abstract](#)
- 22.** Einav U, Tabach Y, Getz G, Yitzhaky A, Ozbek U, Amariglio N, Israeli S, Rechavi G, Domany E. Gene expression analysis reveals a strong signature of an interferon-induced pathway in childhood lymphoblastic leukemia as well as in breast and ovarian cancer. *Oncogene.* 2005 Sep 22;24(42):6367-75. (IF 6.495) [PubMed Abstract](#)
- 23.** Eisen A, Lubinski J, Klijn J, Moller P, Lynch HT, Offit K, Weber B, Rebbeck T, Neuhausen SL, Ghadirian P, Foulkes WD, Gershoni-Baruch R, Friedman E, Rennert G, Wagner T, Isaacs C, Kim-Sing C, Ainsworth P, Sun P, Narod SA. Breast cancer risk following bilateral oophorectomy in BRCA1 and BRCA2 mutation carriers: an international case-control study. *J Clin Oncol.* 2005 Oct 20;23(30):7491-6. (IF 10.864) [PubMed Abstract](#)
- 24.** Eisenberg E, Nemzer S, Kinar Y, Sorek R, Rechavi G, Levanon EY. Is abundant A-to-I RNA editing primate-specific? *Trends Genet.* 2005 Feb;21(2):77-81. (IF 12.016) [PubMed Abstract](#)
- 25.** Eisenberg E, Adamsky K, Cohen L, Amariglio N, Hirshberg A, Rechavi G, Levanon EY. Identification of RNA editing sites in the SNP database. *Nucleic Acids Res.* 2005 Aug 12;33(14):4612-7. (IF 6.575) [PubMed Abstract](#)
- 26.** Elkon R, Rashi-Elkeles S, Lerenthal Y, Linhart C, Tenne T, Amariglio N, Rechavi G, Shamir R, Shiloh Y. Dissection of a DNA-damage-induced transcriptional network using a combination of microarrays, RNA interference and computational promoter analysis. *Genome Biol.* 2005;6(5):R43. [PubMed Abstract](#)
- 27.** Findling-Kagan S, Sivan H, Ostrovsky O, Nagler A, Galski H. Establishment and characterization of new cellular lymphoma model expressing transgenic human MDR1. *Leuk Res.* 2005 Apr;29(4):407-14. [PubMed Abstract](#)
- 28.** Gerecht-Nir S, Dazard JE, Golan-Mashiach M, Osenberg S, Botvinnik A, Amariglio N, Domany E, Rechavi G, Givol D, Itskovitz-Eldor J. Vascular gene expression and

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- 30.** Golan-Mashiach M, Dazard JE, Gerecht-Nir S, **Amariglio N, Fisher T, Jacob-Hirsch J, Bielorai B**, Osenberg S, Barad O, Getz G, **Toren A, Rechavi G**, Itskovitz-Eldor J, Domany E, Givol D. Design principle of gene expression used by human stem cells: implication for pluripotency. *FASEB J. 2005 Jan;19(1):147-9.* (IF 7.172) [PubMed Abstract](#)
- 31.** Gotlieb WH, Chetrit A, Menczer J, Hirsh-Yechezkel G, Lubin F, **Friedman E**, Modan B, **Ben-Baruch G**; for the National Israel Ovarian Cancer Study Group. Demographic and genetic characteristics of patients with borderline ovarian tumors as compared to early stage invasive ovarian cancer. *Gynecol Oncol. 2005 Jun;97(3):780-3.* [PubMed Abstract](#)
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- 33.** Ilan Y, Margalit M, Ohana M, Gotsman I, Rabbani E, Engelhardt D, **Nagler A**. Alleviation of chronic GVHD in mice by oral immunoregulation toward recipient pretransplant splenocytes does not jeopardize the graft versus leukemia effect. *Hum Immunol. 2005 Mar;66(3):231-40.* [PubMed Abstract](#)
- 34.** Israeli O, Goldring-Aviram A, Rienstein S, **Ben-Baruch G, Korach J**, Goldman B, **Friedman E**. In silico chromosomal clustering of genes displaying altered expression patterns in ovarian cancer. *Cancer Genet Cytogenet. 2005 Jul 1;160(1):35-42.* [PubMed Abstract](#)

- 35.** Izraeli S. Perspective: chromosomal aneuploidy in leukemia-lessons from down syndrome. *Hematol Oncol*. 2005 Nov 4; [PubMed Abstract](#)
- 36.** Izraeli S. Chromosome copy number and leukemia-Lessons from Down's syndrome. *Hematology*. 2005 Sep-Oct;10 Suppl 1:164-6. No abstract available
- 37.** Kario E, Marmor MD, Adamsky K, Citri A, Amit I, Amariglio N, Rechavi G, Yarden Y. Suppressors of cytokine signaling 4 and 5 regulate epidermal growth factor receptor signaling. *J Biol Chem*. 2005 Feb 25;280(8):7038-48. (IF 6.482) [PubMed Abstract](#)
- 38.** Kaufmann Y, Amariglio N, Rosenthal E, Hirsch YJ, Many A, Rechavi G. Proliferation Response of Leukemic Cells to CD70 Ligation Oscillates with Recurrent Remission and Relapse in a Low-Grade Lymphoma. *J Immunol*. 2005 Nov 15;175(10):6940 (IF 6.702) [PubMed Abstract](#)
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- 41.** Koren-Michowitz M, Friedman E, Gershoni-Baruch R, Brok-Simoni F, Patael Y, Rechavi G, Amariglio N. Coinheritance of BRCA1 and BRCA2 mutations with Fanconi anemia and Bloom syndrome mutations in Ashkenazi Jewish population: Possible role in risk modification for cancer development. *Am J Hematol*. 2005 Mar;78(3):203-6. [PubMed Abstract](#)
- 42.** Kroger N, Shaw B, Iacobelli S, Zabelina T, Peggs K, Shimonini A, Nagler A, Binder T, Eiermann T, Madrigal A, Schwerdtfeger R, Kiehl M, Sayer HG, Beyer J, Bornhauser M, Ayuk F, Zander AR, Marks DI; Clinical Trial Committee of the British Society of Blood and Marrow Transplantation and the German Cooperative Transplant Group. Comparison between antithymocyte globulin and alemtuzumab and the possible impact of

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- 44.** Leor J, Guetta E, Feinberg MS, **Galski H**, **Bar I**, Holbova R, Miller L, Zarin P, Castel D, **Barbash IM**, **Nagler A**. Human Umbilical Cord Blood-Derived CD133+ Cells Enhance Function and Repair of the Infarcted Myocardium. *Stem Cells.* 2005 Oct 6; (IF 5.802) [PubMed Abstract](#)
- 45.** Levanon EY, Hallegger M, Kinar Y, Shemesh R, Djinovic-Carugo K, **Rechavi G**, Jantsch MF, Eisenberg E. Evolutionarily conserved human targets of adenosine to inosine RNA editing. *Nucleic Acids Res.* 2005 Feb 24;33(4):1162-8 . (IF 6.575) [PubMed Abstract](#)
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