

## Vault Ribonucleoprotein Particles

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### Recent Publications on Vault Ribonucleoprotein Particles:



- [\[Effect on mouse S180 MDR tumour cell expression correlated factorial matter by 70% ethanol with Huanglian Jiedu Tang\]](#)  
*OBJECTIVE: To observe the effect on P170, LRP, TOPO II of S180 tumour MDR...*19th November, 2008  
Shandong Academy of Chinese of Medicine, Jinan 250014, China.- Zhongguo Zhong Yao Za Zhi. 2007 Sep;32(18):1906-8.
- [\[Reversal effect of tyroservatide \(YSV\) tripeptide on multi-drug resistance in resistant human hepatocellular carcinoma cell line BEL-7402/5-FU.\]](#)  
*Tyroservatide (YSV) is an active, low-molecular-weight polypeptide that...*23rd October, 2008  
Department of Immunology, Tianjin Medical University, 22 Qixiangtai Road,- Cancer Lett. 2008 Sep 28;269(1):101-10. Epub 2008 Jun 5. ([DOI Direct Link](#))
- [\[Hyperosmotic stress up-regulates the expression of major vault protein in SW620 human colon cancer cells.\]](#)  
*The major vault protein (MVP) is the major constituent of the vault...*7th October, 2008  
Department of Clinical Pharmacy and Pharmacology, Graduate School of- Exp Cell Res. 2008 Oct 1;314(16):3017-26. Epub 2008 Jul 9. ([DOI Direct Link](#))
- [\[Induction of integrin beta1 expression in bone marrow cells after chemotherapy correlates with the overexpression of lung resistance protein and poor outcome in patients with multiple myeloma.\]](#)  
*The major vault protein (MVP) is the major constituent of the vault...*19th September, 2008  
- Am J Hematol. 2008 Sep;83(9):755-7. ([DOI Direct Link](#))
- [\[MVP expression is related to IGF1-R in cervical carcinoma patients treated by radiochemotherapy.\]](#)  
*OBJECTIVE: To assess the expression of MVP in cervix carcinoma patients...*10th September, 2008  
Radiation Oncology, Dr Negrin University Hospital, Las Palmas de Gran- Gynecol Oncol. 2008 Sep;110(3):304-7. Epub 2008 Jul 2. ([DOI Direct Link](#))
- [\[Chemoresistance in gliomas.\]](#)  
*Despite improved knowledge and advanced treatments of gliomas, the overall...*12th August, 2008  
Brain Tumour North West, Faculty of Science, University of Central- Mol Cell Biochem. 2008 May;312(1-2):71-80. Epub 2008 Feb 8. ([DOI Direct Link](#))
- [\[Fractionated irradiation can induce functionally relevant multidrug resistance gene and protein expression in human tumor cell lines.\]](#)  
*The molecular basis of radiotherapy-related multidrug resistance (MDR) is...*9th August, 2008  
University Hospital Ulm, Department of Radiotherapy, 89081 Ulm, Germany.- Radiat Res. 2008 Jul;170(1):41-8. ([DOI Direct Link](#))

- [Pharmacological effects of serum containing chinese medicine Bushen Huayu Jiedu Compound Recipe in lung cancer drug-resistance cells.](#)  
*OBJECTIVE: To explore the pharmacologic effects of Chinese medicine Bushen...*9th July, 2008  
Department of Traditional Chinese Medicine, Jinan University Medical- Chin J Integr Med. 2008 Mar;14(1):46-50. ([DOI Direct Link](#))
- [A vault ribonucleoprotein particle exhibiting 39-fold dihedral symmetry.](#)  
*Vault is a 12.9 MDa ribonucleoprotein particle with a barrel-like shape,...*1st July, 2008  
Insitute for Protein Research, Osaka University, 3-2 Yamada-oka, Suita- Acta Crystallogr D Biol Crystallogr. 2008 May;64(Pt 5):525-31. Epub 2008 ([DOI Direct Link](#))
- [Determination of P-glycoprotein, MDR-related protein 1, breast cancer resistance protein, and lung-resistance protein expression in leukemic stem cells of acute myeloid leukemia.](#)  
*BACKGROUND: The most primitive leukemic precursor in acute myeloid...*5th June, 2008  
Hematology Division, Department of Internal Medicine, Medical School of- Cytometry B Clin Cytom. 2008 May;74(3):163-8. ([DOI Direct Link](#))
- [Expression of multidrug-resistance-related proteins P-glycoprotein, glutathione-S-transferases, topoisomerase-II and lung resistance protein in primary gastric cardiac adenocarcinoma.](#)  
*AIM: Multidrug resistance (MDR) is closely correlated to an unfavorable...*3rd June, 2008  
Department of Cardiothoracic Surgery, Clinical College, Yangzhou- Cancer Invest. 2008 May;26(4):344-51. ([DOI Direct Link](#))
- [CD34+ leukemic subpopulation predominantly displays lower spontaneous apoptosis and has higher expression levels of Bcl-2 and MDR1 genes than CD34- cells in childhood AML.](#)  
*In view of obscure clinical and biological significance of leukemic cells...*28th May, 2008  
Belarusian Research Center for Pediatric Oncology and Hematology, Minski- Ann Hematol. 2008 May;87(5):353-60. Epub 2008 Jan 29. ([DOI Direct Link](#))
- [Different expression profiles of Y-box-binding protein-1 and multidrug resistance-associated proteins between alveolar and embryonal rhabdomyosarcoma.](#)  
*Nuclear expression of the Y-box-binding protein-1 (YB-1) has been reported...*13th May, 2008  
Department of Anatomic Pathology, Graduate School of Medical Sciences,- Cancer Sci. 2008 Apr;99(4):726-32. ([DOI Direct Link](#))
- [In vitro evaluation of zoledronic acid resistance developed in MCF-7 cells.](#)  
*BACKGROUND: Zoledronic acid is an important osteotropic compound used in...*13th February, 2008  
Department of Biological Sciences, Middle East Technical University, 06531- Anticancer Res. 2007 Nov-Dec;27(6B):4031-7.
- [Activity of bortezomib in adult de novo and relapsed acute myeloid leukemia.](#)  
*BACKGROUND: Bortezomib is an inhibitor of proteasome and NF-kappaB, with...*13th February, 2008  
Department of Hematology, University of Medical Sciences, Poznan, Poland.- Anticancer Res. 2007 Nov-Dec;27(6B):4021-5.

#### Vault Ribonucleoprotein Particles Patents:



- 6852535- [Polymerase III-based expression of therapeutic RNAs](#)
- 5877162- [Short external guide sequences](#)
- 5902880- [RNA polymerase III-based expression of therapeutic RNAs](#)
- 6013447- [Random intracellular method for obtaining optimally active nucleic acid molecules](#)

- 6057153- [Stabilized external guide sequences](#)
- 6110740- [Human vault RNA](#)
- 6146886- [RNA polymerase III-based expression of therapeutic RNAs](#)
- 6156879- [Human minor vault protein p193](#)
- 6441158- [Oligomers that bind to ku protein](#)
- 6555347- [Human minor vault protein p193](#)
- 5869248- [Targeted cleavage of RNA using ribonuclease P targeting and cleavage sequences](#)

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