

藥學科技二

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B303098056 林易新

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Add KMP Alert | Research Topic "liver cancer" with limiters > references (1369) > Gene signatures derived from a...

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Research Topic:

Author Name
Company Name
Document Identifier
Journal
Patent
Tags

Publication Year(s):
Examples: 1995, 1995-1999, 1995-, ~1995

Document Type(s)

☐ Biography	☐ Dissertation	☐ Patent
☐ Book	☐ Editorial	☐ Preprint
☐ Clinical Trial	☐ Historical	☐ Report
☐ Commentary	☐ Journal	☐ Review
☐ Conference	☐ Letter	

Language(s)

☒ Chinese	☐ German	☐ Polish
☒ English	☐ Italian	☐ Russian
☐ French	☐ Japanese	☐ Spanish

Author Name: Last * First Middle

Company Name:

搜尋介面，用關鍵字查詢
搜尋心臟用藥Quinidine，
在2011內發表的文章，
限定中文or英文
另外還有圖片查詢，後面
會用來測試畫結構式

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Research Topic Candidates

2 Topics 0 Selected

Select All Deselect All

Research Topic Candidates	References
☐ 263 references were found containing "quinidine" as entered.	263
☐ 275 references were found containing the concept "quinidine".	275

Quinidine當心臟用藥，Class I 鈉離子通道阻斷劑，可治心律不整 在第一頁地6條找到了

我的最愛

建議的網站

網頁快訊圖庫

網頁(P) 安全性(S) 工具(O)

3. Contribution of a sodium ion gradient to energy conservation during fermentation in the cyanobacterium *Arthrospira (Spirulina) maxima* CS-328

By Carrieri, Damian; Ananyev, Gennady; Lenz, Oliver; Bryant, Donald A.; Dismukes, G. Charles

From Applied and Environmental Microbiology (2011), 77(20), 7185-7194. Language: English, Database: CAPLUS

Sodium gradients in cyanobacteria play an important role in energy storage under photoautotrophic conditions but have not been well studied during autofermentative metab. under the dark, anoxic conditions widely used to produce precursors to fuels. Here we demonstrate significant stress-induced acceleration of autofermentation of photosynthetically generated carbohydrates (glycogen and sugars) to form excreted org. acids, alcs., and hydrogen gas by the halophilic, alkalophilic cyanobacterium *Arthrospira (Spirulina) maxima* CS-328. When suspended in potassium vs. sodium phosphate buffers at...

Substances Reactions Citings Full Text Link Comments Tags

4. Fitting the elementary rate constants of the P-gp transporter network in the hMDR1-MDCK confluent cell monolayer using a Particle Swarm algorithm

By Agnani, Deep; Acharya, Poulomi; Martinez, Esteban; Tran, Thuy Thanh; Abraham, Feby; Tobin, Frank; Ellens, Harma; Bentz, Joe

From PLoS One (2011), 6(10), e25086. Language: English, Database: CAPLUS

P-glycoprotein, a human multidrug resistance transporter, has been extensively studied due to its importance to human health and disease. In order to understand transport kinetics via P-gp, confluent cell monolayers overexpressing P-gp are widely used. The purpose of this study is to obtain the mass action elementary rate consts. for P-gp's transport and to functionally characterize members of P-gp's network, i.e., other transporters that transport P-gp substrates in hMDR1-MDCKII confluent cell monolayers and are essential to the net substrate flux. Transport of a range of concns. of ampren...

Substances Reactions Citings Full Text Link Comments Tags

5. Human engineered heart tissue as a versatile tool in basic research and preclinical toxicology

By Schaaf, Sebastian; Shibamirya, Aya; Mewe, Marco; Eder, Alexandra; Stoefer, Andrea; Hirt, Marc N.; Rau, Thomas; Zimmermann, Wolfram-Hubertus; Conradi, Lenard; Eschenhagen, Thomas; et al

From PLoS One (2011), 6(10), e26397. Language: English, Database: CAPLUS

Human embryonic stem cell (hESC) progenies hold great promise as surrogates for human primary cells, particularly if the latter are not available as in the case of cardiomyocytes. However, high content exptl. platforms are lacking that allow the function of hESC-derived cardiomyocytes to be studied under relatively physiol. and standardized conditions. Here we describe a simple and robust protocol for the generation of fibrin-based human engineered heart tissue (hEHT) in a 24-well format using an unselected population of differentiated human embryonic stem cells contg. 30-40 % α -actinin-pos....

Substances Reactions Citings Full Text Link Comments Tags

6. Enhancing effects of salicylate on quinidine-induced block of human wild type and LQT3 related mutant cardiac Na⁺ channels

By Urashima, Tadashi; Kurata, Yasutaka; Mäke, Junichiro; Kato, Masaru; Ogura, Kazuyoshi; Yano, Akio; Adachi, Masamitsu; Tanaka, Yasunori; Yamada, Kensaku; Hamada, Toshihiro; et al

From Biomedical Research (2011), 32(5), 303-312. Language: English, Database: CAPLUS

It is unknown whether salicylate enhances the action of antiarrhythmic agents on human Na⁺ channels with state dependency and tissue specificity. We therefore investigated effects of salicylate on quinidine-induced block of human cardiac and skeletal muscle Na⁺ channels. Human cardiac wild-type (hH1), LQT3-related mutant (Δ KPQ), and skeletal muscle (hSkM1) Na⁺ channel α subunits were expressed in COS7 cells. Effects of salicylate on quinidine-induced tonic and use-dependent block of Na⁺ channel currents were examd. by the whole-cell patch-clamp technique. Salicylate enhanced the quinidine...

Substances Reactions Citings Full Text Link Comments Tags

7. Catalytic, Asymmetric, Interrupted Feist-Benary Reactions of α -Tosyloxyacetophenones

By Calter, Michael A.; Korotkov, Alexander

From Organic Letters (2011), 13(23), 6328-6330. Language: English, Database: CAPLUS

A new variant of the Interrupted Feist-Benary (IFB) reaction uses α -tosyloxyacetophenones as electrophiles and proceeds in good yields and excellent enantioselectivities to give octahydrobenzofuranones, e.g. 1 (R = O2N, F3C, Cl).

Substances Reactions Citings Full Text Link Comments Tags

8. Overexpression of CYP3A4, but not of CYP2D6, promotes hypoxic response and cell growth of Hep3B cells

By Oguro, Ami; Sakamoto, Koichi; Funae, Yoshihiko; Imaoka, Susumu

From Drug Metabolism and Pharmacokinetics (2011), 26(4), 407-415. Language: English, Database: CAPLUS

Cytochrome P450s (P450s) contribute to carcinogenesis by activating procarcinogens and also metabolize anti-cancer drugs. The activity and protein levels of P450s are important in cancer risk and in cancer therapy. In this study, we found that overexpression of CYP3A4 induced growth of a human hepatoma cell line, Hep3B. Overexpression of CYP2D6, by comparison, decreased cell growth. An inhibitor of CYP3A4, ketoconazole, significantly suppressed the growth of Hep3B cells overexpressing CYP3A4, but an inhibitor of CYP2D6, quinidine, did not restore Hep3B cell growth to baseline levels. Over...

Substances Reactions Citings Full Text Link Comments Tags

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Krajcsi Peter 3

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Rao Tadimeti 3

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More detailed analysis based on CAS indexing

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[Return](#)[Previous](#) | [Next](#)6. Enhancing effects of salicylate on quinidine-induced block of human wild type and LQT3 related mutant cardiac Na⁺ channels

By: Urashima, Tadashi; Kurata, Yasutaka; Maie, Junichiro; Kato, Masaru; Ogura, Kazuyoshi; Yano, Akio; Adachi, Masamitsu; Tanaka, Yasunori; Yamada, Kensaku; Hamada, Toshihiro; Mizuta, Einosuke; Kuwabara, Masanari; Kato, Masahiko; Yamamoto, Yasutaka; Ogino, Kazuhide; Yoshida, Akio; Shirayoshi, Yasuaki; Hisatome, Ichiro

It is unknown whether salicylate enhances the action of antiarrhythmic agents on human Na⁺ channels with state dependency and tissue specificity. We therefore investigated effects of salicylate on quinidine-induced block of human cardiac and skeletal muscle Na⁺ channels. Human cardiac wild-type (hH1), LQT3-related mutant (Δ KPQ), and skeletal muscle (hSkM1) Na⁺ channel α subunits were expressed in COS7 cells. Effects of salicylate on quinidine-induced tonic and use-dependent block of Na⁺ channel currents were examined by the whole-cell patch-clamp technique. Salicylate enhanced the quinidine-induced tonic and use-dependent block of both hH1 and hSkM1 currents at a holding potential (HP) of -100 mV but not at -140 mV. Salicylate decreased the IC₅₀ value for the quinidine-induced tonic block of hH1 at an HP of -100 mV, and produced a neg. shift in the steady-state inactivation curve of hH1 in the presence of quinidine. According to the modulated receptor theory, it is probable that salicylate decreases the dissociation constant for quinidine binding to inactivated-state channels. Furthermore, salicylate significantly enhanced the quinidine-induced tonic and use-dependent block of the peak and steady-state Δ KPQ channel currents. The results suggest that salicylate enhances quinidine-induced block of Na⁺ channels via increasing the affinity of quinidine to inactivated state channels.

Indexing

Pharmacology (Section 1)

Citations

Ahmed, G; Vascu Pharmacol 2002, 38, 131
An, R; Circ Res 1996, 79, 103
Chandra, R; Am J Physiol 1998, 274, H1643
Clancy, C; Nature 1999, 400, 566
Hartmann, H; Circ Res 1994, 75, 114
Hartshorne, R; J Biol Chem 1984, 259, 1667
Hiji, Y; Arch Int Physiol Biochim 1987, 95, 113
Hisatome, I; Biophys J 2000, 79, 1336
Hisatome, I; Eur J Pharmacol 1990, 179, 447
Hisatome, I; Eur J Pharmacol 1988, 153, 285
Hondeghe, L; Annu Rev Pharmacol Toxicol 1984, 24, 387
Kambouris, N; J Clin Invest 2000, 105, 1133

Quick Links

0 Tags, 0 Comments

Source

Biomedical Research
Volume 32
Issue 5
Pages 303-312
Journal
2011
CODEN: BRESDS
ISSN: 0388-6107

Company/Organization

Division of Regenerative Medicine
and Therapeutics, Institute of
Regenerative Medicine and
Biofunction
Tottori University Graduate
School of Medical Science
Japan

Accession Number

2011:1424332
CAPLUS

Publisher

Biomedical Research Press

Language

English

進入後可以看摘要
右邊是這篇文章的年份編號等等資料
上方“Get Full Text”可以觀看原文
上方“Send to sciplanner”寄到自己的信箱

圖片檢索：在此被用來畫結構式

The image shows a screenshot of the SciFinder web interface. A "Structure Editor" window is open in the foreground, displaying a chemical structure of a quinidine derivative. The structure consists of a quinoline ring system with a methoxy group at position 6 and a complex polycyclic side chain at position 4, including a quinuclidine moiety. The editor includes a toolbar with various drawing tools (atoms, bonds, rings) and a "Drawing Editor" panel on the right with options for Structure, Reaction, and Markush. Below the structure, the molecular formula H.C20H24N2O2 (query) and a scale of 100 are visible.

In the background, the SciFinder search results page is visible. The "Reference Detail" section shows a search for "quinidine" with a list of references. The "Citations" section lists several references, including:

- Ahmed, G; Vascul Pharmacol 2002, 38, 1
- An, R; Circ Res 1996, 79, 103
- Chandra, R; Am J Physiol 1998, 274, H1643
- Clancy, C; Nature 1999, 400, 566
- Hartmann, H; Circ Res 1994, 75, 114
- Hartshorne, R; J Biol Chem 1984, 259, 1667
- Hiji, Y; Arch Int Physiol Biochim 1987, 95, 113
- Hisatome, I; Biophys J 2000, 79, 1336
- Hisatome, I; Eur J Pharmacol 1990, 179, 447
- Hisatome, I; Eur J Pharmacol 1988, 153, 285
- Hondeghem, L; Annu Rev Pharmacol Toxicol 1984, 24, 387
- Kambouris, N; J Clin Invest 2000, 105, 1133

The right sidebar contains "Quick Links" (0 Tags, 0 Comments), "Source" information (Biomedical Research, Volume 32, Issue 5, Pages 303-312, Journal 2011, CODEN: BRES05, ISSN: 0388-6107), "Company/Organization" (Division of Regenerative Medicine and Therapeutics, Institute of Regenerative Medicine and Biofunction, Tottori University Graduate School of Medical Science, Japan), "Accession Number" (2011:1424332, CAPLUS), "Publisher" (Biomedical Research Press), and "Language" (English).

SCIFINDER - 學習心得

這個資料庫給我的感覺是有親和力的、方便操作的、人性化的。搜索的部分很方便操作，打上關鍵字空一格在打上關鍵字搜索後就能得到想要的文章，這方面跟日常使用的搜尋引擎非常相似、下簡單以年分、語言等等簡單卻實用的方式縮小搜尋範圍。我最欣賞繪圖板功能，不只方便搜尋，還很好玩！課堂學到的結構都可以試著畫畫看。

THOMSON INNOVATION - 使用成果

+ 位置：

<https://www.thomsoninnovation.com/>

點右方橘色圖案進入

The screenshot shows the Thomson Innovation website. At the top, the 'THOMSON INNOVATION' logo is on the left, and the 'THOMSON REUTERS' logo is on the right. Below the logos is a navigation bar with links: HOME, ABOUT US, PRESS ROOM, SUPPORT, and CONTACT US. To the right of the navigation bar is a 'Site Search' input field and a 'SEARCH' button. The main heading is 'INTELLECTUAL PROPERTY RESEARCH AND ANALYSIS'. On the left side, there is a sidebar with a list of solutions and collections. The main content area features a large banner for 'WHIRLPOOL CORPORATION PUTS A NEW SPIN ON INNOVATION WITH DWPI' with a 'FIND OUT HOW' button. Below this is a section titled 'THOMSON INNOVATION - THE PREMIER IP RESEARCH AND ANALYSIS SOLUTION' with a brief description and a 'Find out more' link. To the right of the banner is a 'QUICK LAUNCH THOMSON INNOVATION' button with a play icon, and below it is a 'CUSTOMER LOGIN' section with fields for 'Email Address' and 'Password', a 'SUBMIT' button, and a 'Forgot your password?' link. At the bottom right, there is a 'WHAT'S NEW ON THOMSON INNOVATION?' section with a 'FIND OUT NOW' button. The footer includes the 'MATTHEWS' logo.

THOMSON INNOVATION

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INTELLECTUAL PROPERTY RESEARCH AND ANALYSIS

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 - Increase Productivity
 - Optimize IP Assets
 - Minimize Risk
 - Monitor Competitors
 - Win IP Cases
- COLLECTIONS & COVERAGE**
 - Patent Data
 - Scientific Literature
 - Business & News
- WORKFLOW SOLUTIONS**
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We just added NewsRoom™, the comprehensive News collection from Thomson Reuters. You can search unmatched breaking news coverage, actively indexed trade journals, superior business and financial information, and global patent data all in one place, helping you quickly conduct the most thorough IP research.

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+ 使用成果：

搜尋2011/11/01以後發表的，有關 人類癌症基因的文章
用Add Field增加查詢項目
選用AND模式,搜尋所有條件的交集，查詢結果會較精準

The screenshot shows the Thomson Innovation Patent Search interface. The search criteria are as follows:

- Quick Search: Patents
- Search Style: Fielded (selected)
- Collections to Search: US Granted, US Applications, WIPO Applications...
- Search Criteria:
 - Title/Abstract/Claims: human cancer ((printer AND scanner) NOT inkjet)
 - AND Publication Date: From: 2011-11-01 To: YYYY-MM-DD
 - AND Title/Abstract/Claims: gene ((printer AND scanner) NOT inkjet)
- Buttons: Add Field, Run Search

第四項就有了

The screenshot shows the Thomson Innovation Patent Result Set interface. The search results are as follows:

Publication Number	Publication Date
US20110287445A1	2011-11-24
Title: Mutant ROS Expression In Human Cancer	
US20110286979A1	2011-11-24
Title: CHEMOSENSITIZATION BY BI-FUNCTIONAL SMALL HAIRPIN RNA (bi-shRNA)	
EP2388315A2	2011-11-23
Title: Use of a combination of myxoma virus and rapamycin for therapeutic treatment	
EP2385135A1	2011-11-09
Title: RAD51C as a human cancer susceptibility gene	
WO2011138787A1	2011-11-10
Title: IDENTIFICATION OF MRNA-SPECIFIC MICRORNAS	

右方有圖表的欄位,可放大看
點Document Delivery可傳送此文章到信箱，但學校系統沒有購買權限無法使用
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Patent Record View - EP2385135A1

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EP2385135A1 RAD51C as a human cancer susceptibility gene

Bibliography

DWP1 Title ?
In vitro diagnostic method comprises analyzing a sample from a subject having or suspected of having an increased risk for cancer and determining whether the subject has an alteration in a RAD51 homolog C (RAD51C) allele

Original Title ?
RAD51C as a **human cancer** susceptibility **gene**

Assignee/Applicant ?
Standardized: HANENBERG HELMUT,
Original: Hanenberg Helmut, Indianapolis, IN 46202

Inventor ?
Hanenberg Helmut, 47804 Krefeld, DE Schmutz Rita, 50931 Köln, DE Meindl Alfons, 81675 München, DE Wiek Constanze, 40591 Düsseldorf, DE Erven Verena, 40221 Düsseldorf, DE Freund Marcel, 40233 Düsseldorf, DE

Publication Date (Kind Code) ?
2011-11-09 (A1)

Application Number / Date ?
[EP2010159524A](#) / 2010-04-09

Priority Number / Date / Country ?
EP2010159524A / 2010-04-09 / EP

Abstract

Abstract ?
The invention discloses an *in vitro* method for determining a predisposition of a subject for developing a cancer on the basis of analyzing a sample of the subject for an alteration of at least one allele of the RAD51C **gene**. Further disclosed are *in vitro* methods for assessing a pathological progression of a cancer and for assessing at least one RAD51C **gene** alteration in a cell, a kit for determining a predisposition of a subject for developing a cancer, and certain uses of oligonucleotides for determining the presence of at least one mono-allelic germ-line mutation of the RAD51C **gene**.

Classes/Indexing

IPC ?	Invention	Version	Additional	Version
Current IPC-R				
Advanced	C12Q 1/58	20060101	-	-
Core	-	-	-	-
Other	-	-	-	-

Displaying Record 4 of 5

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Patent Record View - EP2385135A1

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Jump To: Bibliography | Abstract | Classes/Indexing | Legal Status | Family | Claims | Description | Citations | Other

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EP2385135A1 RAD51C as a human cancer susceptibility gene

Claims ?

Collapse All Claims (16)

Claims (English)

1. An *in vitro* method for determining a predisposition of a subject for developing a cancer comprising the step of analyzing *in vitro* a sample of the subject for an alteration of at least one allele of the RAD51C **gene**, wherein the alteration of the RAD51C **gene** leads to an alteration of the RAD51C **gene** product and indicates a predisposition for developing a cancer.

2. The method of claim 1, wherein the cancer is selected from the group consisting of head and neck cancer, lung cancer, kidney cancer, pancreatic cancer, colon cancer, lower abdominal tumor, non-Hodgkin lymphoma, and gynecological cancer, in particular breast and ovarian cancer.

3. The method of claim 1 or 2, wherein the alteration of the RAD51C **gene** is a mutation of the RAD51C **gene**, preferably a germ-line mutation, further preferred a mono-allelic germ-line mutation.

4. The method of any of the preceding claims, wherein the alteration of the RAD51C **gene** is a splice site alteration, preferably c.145+1G>T and/or c.904+5G>T, a missense alteration, preferably c.475 G>T;A, c.1097 G>T;A, c.374 G>T and/or c.414 G>T;C, more preferred c.374 G>T;T and/or c.414 G>T;C and/or an insertion alteration, preferably c.224_225insA and/or c.525_526insC.

5. The method of any of the preceding claims, wherein the alteration of the RAD51C **gene** product is an alteration of a codon encoding an amino acid residue of the RAD51C protein.

6. The method of claim 5, wherein the alteration of the codon is selected from the group consisting of Y75XfsX0, C176LfsX26, V15KfsX9, V280GfsX11, G125V, L138F, D159N and R366Q.

7. An *in vitro* method for assessing a pathological progression of a cancer comprising the step of analyzing *in vitro* a sample of the cancer for a mono-allelic germ-line mutation of the RAD51C **gene**, wherein the presence of at least one mono-allelic germ-line mutation in the RAD51C **gene** indicates an increased probability for malignancy and/or invasiveness.

8. The method of claim 7, wherein the cancer is selected from the group consisting of head and neck cancer, lung cancer, kidney cancer, pancreatic cancer, colon cancer, lower abdominal tumor, non-Hodgkin lymphoma, and gynecological cancer, in particular breast and ovarian cancer.

9. An *in vitro* method for assessing the functionality of a RAD51C **gene** product, which is derived from a RAD51C **gene** comprising at least one alteration, in a cell, comprising the steps of

- (i) introducing the RAD51C **gene** into the cell,
- (ii) analyzing at least one cellular function, and
- (iii) comparing the at least one cellular function to a control cell, wherein a difference between the cellular function of the cell and the control cell indicates an altered function of the RAD51C **gene** product.

Images(13) View in: Single Row
Scroll to view all images & click to enlarge

THOMSON INNOVATION - 學習心得

我認為這套搜尋引擎在使用上不比**SCIFINDER**好用，而且好像還更貴，可同時上線人數更少。首先它的進入方式怪異，點選由上方圖片進入搜尋頁面，一般人不會想到要點圖片進入。搜尋頁面比較麻煩，必須把關鍵字先選擇分類再搜尋，每多一個關鍵字就要新增欄位，無法用一般關鍵字+空格的方式搜索。搜尋結果令我不解的是，使用同樣的關鍵字下去搜索，居然找不到跟**SCIFINDER**一樣的文章。這套引擎更專業，操作上必須更精確，所以使用上並不方便。