

(一) Scifinder

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檔案(F) 編輯(E) 檢視(V) 文件(D) 工具(T) 視窗(W) 說明(H)

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12.
Premarin improves outcomes of spinal cord injury in male rats through stimulating both angiogenesis and neurogenesis

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Accession Number: 2010835541, PubMed ID: 20657272, MEDLINE

Language: English

Abstract

OBJECTIVE: To ascertain whether **Premarin** improves spinal cord injury outcomes in male rats by stimulating both angiogenesis and neurogenesis. **DESIGN:** Chi Mei Medical Center research laboratory. **SUBJECTS:** Male Sprague-Dawley rats 240-258 g. **INTERVENTIONS:** Anesthetized rats, after the onset of spinal cord injury, were divided into two groups and given the vehicle solution (1 mL/kg of body weight) or **Premarin** (1 mg/kg of body weight). Saline or **Premarin** solutions were administered intravenously and immediately after spinal cord injury. **MEASUREMENTS AND MAIN RESULTS:** **Premarin** (an estrogen sulfate) causes attenuation of spinal cord injury-induced spinal cord infarction and hind limb locomotor dysfunction. Spinal cord injury-induced apoptosis as well as activated inflammation was also significantly **Premarin**-reduced. In injured spinal cord, angiogenesis, neurogenesis, and production of an antiinflammatory cytokine were all **Premarin** therapy-promoted. **CONCLUSIONS:** Our results indicate that **Premarin** therapy may protect against spinal cord apoptosis after spinal cord injury through mechanisms stimulating both angiogenesis and neurogenesis in male rats.

Concepts

Check Tags: Male;

Animals

Apoptosis: DE, drug effects

DNA Nucleotidylexotransferase: DE, drug effects

Estrogens: TU, therapeutic use

Estrogens, Conjugated (USP): TU, therapeutic use

Inflammation: DT, drug therapy

Interleukin-10: BL, blood

Neovascularization, Physiologic: DE, drug effects

Neurogenesis: DE, drug effects

Rats

Rats, Sprague-Dawley

Spinal Cord Injuries: DT, drug therapy

Spinal Cord Injuries: PP, physiopathology

Tumor Necrosis Factor-alpha: BL, blood

Substances

Registry Numbers:

130068-27-8(Interleukin-10);

Chemical Names:

Estrogens ;Estrogens, Conjugated (USP) ;Tumor Necrosis Factor-alpha ;EC 2.7.7.31 DNA Nucleotidylexotransferase;

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使用心得：

第一次接觸全英文介面的搜尋工具，其實有點苦手，除了英文字小，可能會需要邊找邊查生字，相對熟悉的母語資料來說，會花更多時間。

我覺得這跟 pubmed 有些地方很不一樣。印象中 Pubmed 無法縮小搜尋範圍，而 Scifinder 則可以供使用者點選需要的搜尋方向，做針對性的搜尋，同時想找的資料筆數減少，要檢視的報告就可由簡入繁，不會像大海撈針一般。而 Scinplanner 的好處是可以將結構圖示，就不需要額外搜尋，甚至有些反應方程式也藉此畫出，對於初接觸學術研究報告的使用者來說，算是能在短時間內上手的好工具。

況且 Scifinder 必須註冊 ID，我覺得主要的原因是，有個人空間可以存放自己想要的紀錄。畢竟每次搜尋都是海量的資料一一列舉，如果下次要做報告時卻得重新開始，這些多花的時間便可挪用他處，而 Pubmed 就沒有這個好處，再加上 pubmed 並非每篇都能檢視 full text。有趣的是，除了自己想檢索的主題以外，在蒐尋過程中也能簡易地瀏覽到其他 paper 的概念，這對自己要找的東西或多或少都有幫助，也能多補充些知識。

只不過，同時登入兩個人的限制真有點令人困擾，不然隨時想找一份學術報告還是 pubmed 方便的多，值得一提的是，從 Scifinder 裡也有標記 paper 在 pubmed 的登記序號，若只想線上閱覽想下載，抄下序號也是個不錯的選擇。

(二) Thomson Innovation

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Record View: Patent US8042851B2 ? Help

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DWPI Title ?
Chopsticks has hole that is made for each upper edges of notch to terminate in ribs that emerge towards inside of notch in order for one chopstick to be snap-fitted together with other

Original Title ?
Chopsticks

Abstract ?
Chopsticks, used for eating, of the type that have a notch, to enable them to be coupled together, arranged in an oblique position on one of the surfaces close to the upper end of the **chopsticks**, with a suitable slope for assembling the **chopsticks** in the manner of pliers, with a depth equivalent to half the thickness of the chopstick and with a width equivalent to the width of the actual chopstick, provision having been made for each of the upper edges of said notch to end in ribs that emerge towards the inside of the notch in order for one chopstick to be snap-fitted together with the other.

First Claim ?
1. Apparatus comprising: A pair of **chopsticks**, used for eating, each having a notch to enable them to be coupled together, said notch being arranged in an oblique position on one of the surfaces close to the upper end of the **chopsticks** with a suitable slope for assembling the **chopsticks** in the manner of pliers, with a depth equivalent to half the thickness of one of the **chopsticks** and with a width equivalent to the width of said one of the actual **chopsticks**, provision having been made for each of the upper edges of said notch to end in ribs that emerge towards the inside of the notch in order for said one chopstick to be snap-fitted together with the other chopstick, and in which said **chopsticks** have a lateral tab next to the oblique notch with dimensions that coincide with a hollow of the notch, made so as to join and fit into said notch.

Images [Image 1/3](#) [Zoom \(+\)](#)



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Quick View

Assignee / Applicant ?
-

Inventor ?
Lai Martinez Mario, Barcelona, ES

Publication Number / Date ? US20100013254A1 / 2010-01-21	Application Number / Date ? US2009522979A / 2009-07-13
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Priority Number / Date ?
[ES2007105A](#) / 2007-01-18
[US2009522979A](#) / 2009-07-13
[ES2007105U](#) / 2007-03-02
[WO2007ES114A](#) / 2007-03-02

IPC ?

Current IPC	Invention	Version	Additional	Version
Full	A47G 21/06	20060101	-	-
Main Group	-	-	-	-
Subclass	-	-	-	-

Original IPC	Invention	Version	Additional	Version

使用心得：

自身周遭使用的東西應該都有專利權才對，所以我就選了吃飯用的筷子，沒想到就找到了這個「新奇模樣」的結果。在搜尋欄輸入後，有時候會嘩啦啦出現一些跟主題似乎不太相干的專利案，但仔細點開來看，有些是重複的，有些只是改個名字東西長的不一樣，就又申請了另一個專利，當時聽導引員說，每一項專利並不適用全球，因此想把產品推銷出去時，就得再註冊一次，而 **application number** 前面的英文字就是申請國別。

針對筷子的外觀來說，這反而比較像鑷子，查看設計圖時，這雙筷子可以拆分成兩部分，可能是方便清洗，但凸出來的地方不會刮到自己的手嗎？雖然用法看起來很像鑷字的手勢，對初次使用筷子的人來說，會是很簡單的事，不過拆卸上也許比不上兩段式旋轉接合。

再講回這個系統，由於並非正式會員，有些相關資訊很難取得，而且就資料保存性而言，有註冊的使用者能留下瀏覽記錄，雖然可以只把自己要的內容 **export** 下來，但對於只感興趣、不一定需要留存的資料便可留待下次檢閱。不過，這就沒有像 **Scifinder** 的人數限制，能隨時使用。令我好奇的是，每到一個地方就申請專利，那這樣有辦法申請完全嗎？若有人搶先盜版，這又要如何處理法律問題呢？