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<th>Moving from an IR to a CRIS, the why &amp; how</th>
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<td><strong>Author(s)</strong></td>
<td>Palmer, DT</td>
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<td>2013</td>
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Moving from an IR to a CRIS
-- the Why & How

David T Palmer
The University of Hong Kong (HKU)
CNI Membership Meeting, San Antonio, 4-5 Apr 2013
Institutional Repository (IR)

Definition
IR: What is it?

- “An institutional repository is an online locus for collecting, preserving, and disseminating - in digital form - the intellectual output of an institution, particularly a research institution” -- Wikipedia (November 2012)

- Academic Institution: journal articles, theses, learning objects
  - Publications

- Why?
  - Provide Open Access
  - Create global visibility
  - Collect content in a single location
  - Preservation
Current Research Information System (CRIS)
a.k.a. Research Information Management System (RMIS)
CRIS: What is it?

“A Current Research Information System, commonly known as "CRIS", is any information tool dedicated to provide access to and disseminate research information, such as People, Projects, Organizations, Results (publications, patents and products), Facilities, and Equipment.” – “EuroCRIS”, Wikipedia (Nov 2012)

- for researchers: easy access to relevant information
- for research managers and administrators: easy measurement and analysis of research activity
- for research councils: optimisation of the funding process
- for entrepreneurs and technology transfer organizations: easy retrieval of novel ideas and technology in a knowledge-assisted environment and easy identification of competitors and previously done similar research
- for the media and public: easy access to information, software and computer power to allow easily-assimilated presentation of research results in appropriate contexts.
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CRIS flavours

- Internal only?
  - Research & decision support

- Public also?
  - Knowledge Exchange, Knowledge Translation, Knowledge Transfer

- Built in one integrated whole?
- Distributed, with APIs calling on-the-fly, other databases
CRIS flavours

- Internal only?
  - Research & decision support

- Public also?
  - Knowledge Exchange, Knowledge Translation, Knowledge Transfer

- Built in one integrated whole?
- Distributed, with APIs calling on-the-fly, other databases
The HKU Scholars Hub

- 2005 begun,
  - Publications
  - Open Access
- Not compelling with faculty

- 2009 “Knowledge Exchange”
  - New funding, from HKU KEO
  - New interest, from faculty
- An exchange of research and skills between HKU and its community for mutual benefits
- A database or exchange hub to enable, facilitate and measure HKU’s KE
The HKU Scholars Hub

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• A database or exchange hub to enable, facilitate and measure HKU’s KE
The backend

• With our partners, CINECA of Italy

• Dspace: Postgres tables

• Relational tables
  – Publications
  – ResearcherPages (People)
  – Grants
  – Soon: depts/ctrs & other entities
The HKU Scholars Hub is the institutional repository of The University of Hong Kong. As a key vehicle of HKU's Knowledge Exchange Initiative, The Hub strives to make HKU authors and their research very visible, with the goal of increasing all forms of collaboration.

QUICK SEARCH OF THE HUB

Search the author, title, abstract and series fields.

> search

FEATUR ED SCHOLAR

Professor Chang, EC

- Dean (Faculty of Business and Economics)
- Quoin Professorship in Finance; and Professor; Chair of Finance

Research Interests:
- Derivative securities
- International finance
- Capital asset pricing

HUB NEWS

Mar 2013: Membership in professional societies added to ResearcherPages.

Mar 2013: Affiliations for coauthors shown when known. An example

Feb 2013: Grant data added to publication records when known. An example

Jan 2013: Web service for extracting Hub data. Interested? Write!

RELEVANT LINKS

- HKU's Top 1%
- HKU Authors: OA Publishing
- Usage Stats & Downloads
- HKU most cited articles in Scopus
- HKU research on Web of Science
- HKU Research & Scholarship
- HKU Libraries OA Policy
- HK Open Access Committee
- Open Access Tracking Project
Article: Understanding Australia's influenza pandemic policy on the strategic stockpile of antiviral drugs.


Issue Date: 2009

Publisher: Australasian Medical Publishing Company Pty Ltd. The Journal's website is http://www.mja.com.au

Abstract: Targeted post-exposure prophylaxis represents a more efficient use of treatment alone.

Citation: Medical Journal Of Australia, 2009, v. 191 n. 3, p. 136-137 (How to Cite)

Supplementary:
- Citations: Scopus: 4, PubMed Central: 2
- Item Statistics (The Hub)
- Appears in Collections: Community Medicine: Journal/Magazine Articles

Author Affiliations:
1. Harvard School of Public Health
2. The University of Hong Kong
3. Royal Melbourne Hospital
4. University of Melbourne
5. University of New South Wales
**Article: Understanding Australia's influenza pandemic policy on the strategic stockpile of antiviral drugs**

**Supplementary**

- Citations: Scopus: 4, PubMed Central: 2
- Item Statistics (The Hub)
- Appears in Collections: Community Medicine: Journal/Magazine Articles

**File Download**

- No File Attached
- Scopus: eid_2-s2.0-70349582547
- PMID: 19645639
- Find via WebBridge HKU Libraries

**Article Level Metrics**

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<td>The University of Hong Kong</td>
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<td>Royal Melbourne Hospital</td>
<td>University of Melbourne</td>
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<td></td>
<td>University of New South Wales</td>
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**Alt-metrics**

- Contact the author(s)? (May Require Subscription)
Article: Understanding Australia's influenza pandemic policy on the strategic stockpile of antiviral drugs
prevention and treatment of cerebrovascular disorders. However, the mechanism responsible for such protective effects remains largely unknown. It has been considered that cerebral endothelium apoptosis caused by reactive oxygen species including hydrogen peroxide (H2O2) is implicated in the pathogenesis of cerebrovascular disorders. Methodology and Principal Findings. By examining the effect of Sal B on H2O2-induced apoptosis in rat cerebral microvascular endothelial cells (rCMECs), we found that Sal B pretreatment significantly attenuated H2O2-induced apoptosis in rCMECs. We next examined the signaling cascade(s) involved in Sal B-mediated anti-apoptotic effects. We showed that H2O2 induces rCMECs apoptosis mainly through the PI3K/ERK pathway, since a PI3K inhibitor (LY294002) blocked ERK activation caused by H2O2 and a specific inhibitor of MEK (U0126) protected cells from apoptosis. On the other hand, blockage of the PI3K/Akt pathway abrogated the protective effect conferred by Sal B and potentiated H2O2-induced apoptosis, suggesting that Sal B prevents H2O2-induced apoptosis predominantly through the PI3K/Akt (upstream of ERK) pathway. Significance. Our findings provide the first evidence that H2O2 induces rCMECs apoptosis via the PI3K/MEK/ERK pathway and that Sal B protects rCMECs against H2O2-induced apoptosis through the PI3K/Akt/Raf/MEK/ERK pathway. 2007 Liu et al.

**ISSN** 1932-6203

2011 Impact Factor: 4.092

2011 SCImago Journal Rankings: 0.519

**ISI Accession Number ID** WOS:000207459600009

**Funding Agency**

Research Grant Council of Hong Kong
Hong Kong Baptist University

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**Funding Information:**

This work was supported by a grant (HKU 7636/05M) from the Research Grant Council of Hong Kong awarded to Dr. J.D. Huang, and was also supported by grants (FRG/06-07/I-07 and FRG/06-07/I-43) from Hong Kong Baptist University awarded to Dr. M. Li. The funders had no roles in the design and conduct of the study, in the collection, analysis, and interpretation of the data, and in the preparation, review, or approval of the manuscript.

**PubMed Central ID** PMC2117346

**References**

References in Scopus

**Grants**

Role of kinesin-mediated intracellular transportation in Alzheimer’s Disease

Role of kinesin-mediated intracellular transportation in Alzheimer’s Disease
People!
Browse
Jump to: 0-9 A B C D E F G H I J K L M N O P Q R S T

or enter initial letters to jump into index at that point:

Showing results 71470 to 71475

- Tam, Paul KH
- Tam, Paul KH
- Tam, Paul Kwong Hang
- Tam, Paul
- Tam, PCF
- Tam, PC
- Tam, Peter TS
- Tam, PHK
- Tam, PHT
- Tam, PH
- Tam, Ping-leung, Patrick
- Tam, Pit-shing
- Tam, PKC
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- Tam, Paul Kwong Hang
- Tam, Paul Kwong Hang

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Professor Bacon-Shone, John Hugh

Contact Information

Tel: 3917 1600
Office: CJT 815
Dept: Social Sciences Research Ctr
Faculty: Faculty of Social Sciences

Research Interests:
- Compositional data
- Gambling
- Immigration and population policy
- Privacy policy
- Telephone survey methodology

My URLs:
- Biography
- Google Scholar Citations

Also Cited As:
- Bacon-shone, John
- Bacon-shone, J
- Baconshone, J
- Bacon-Shone, J
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<td>Honorary Selection Award &amp; Prize (Premiarios de Trabalhos Seleccionados), Public Competition for the Architectural Concept of the New Port Authority Building and Surrounding Environment (Concurso Publico para o Projecto de Concepcao Arquitetonica do Novo Edificio da Capitania dos Portos e Optimiao da Zona Envolvente), Macau, SAR, Cabo da Roca, Macau, SAR Services of Works, Obras Publicas e Transporte, Macau, SAR (Government of Macau, SAR, China), Capitania dos Portos/Direccao dos Servicos de Solos (Macau), Macau, SAR, China</td>
<td>Research Achievements</td>
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<td>01-11-2007</td>
<td>Winning Entry, Design Ideas Competition for Marina South Residential District, Singapore: Singapore Institute of Architects, Urban Redevelopment Authority - Singapore Government</td>
<td>Research Achievements</td>
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<td>01-09-2006</td>
<td>Honorary Mention Award (Profesional Category), International Architectural Competition 'Celebration of Cities 2' - UIA in collaboration with UNESCO, 2006: Union of International Architects (UIA) in collaboration with UNESCO - Awarded and Exhibited at the Venice Biennale:</td>
<td>Research Achievements</td>
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HKU ResearcherPage: Tsui, ABM

Profile
Contact Information

Networks of Collaboration
Visualized
Tabulated

Publications
Articles (38)
Conf. Papers & Presentations (28)
Books (Authored) (8)
Books (Edited) (1)
Book Chapters (41)

Achievements
Media Contact Directory (9)
Editorship (31)
Supervision of Research Postgraduate Students (15)
HKU Committee Appointments (50)

Grants
Principal Investigator (11)
Co-Investigator (4)

Professor Tsui, Amy Bik May
徐碧美
- Pro-Vice-Chancellor and Vice-President (Teaching and Learning)
- Professor: Chair of Language and Education

Dept: Education Faculty
V-C’s Office
Faculty: Faculty of Education

Supervision of Research Postgraduate Students

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<td>2009</td>
<td>English Teacher Education</td>
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<td>Phd Rong Xiaoyan</td>
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<td>2008</td>
<td>Sociolinguistics, Discourse Analysis, Problem-based Learning Curriculum</td>
<td>Cross-cultural Adaptation and Second Language Acquisition: A Study of International Students in Universities of the People’s Republic of China</td>
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<td>Phd Imafuku Rintaro</td>
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<td>2005</td>
<td>Cross-cultural Psychology and Applied Linguistics</td>
<td>How class size mediates student learning: case studies of Hong Kong secondary schools</td>
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<td>Phd Yu Baohua</td>
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<td>2005</td>
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Professor Chow, Billy Kwok Chong

- Professor

Dept: School of Biological Sciences
Faculty: Faculty of Science

External Metrics

Scopus (1996 ~ )
- DocumentID: 7102826193
- Document Count: 111
- Total Citations: 2032 total citations by 1384 documents
- h Index: 24
- Co-authors: 150

Google Scholar Citations
- Author Profile: kjfd3oAAAAg
- Citations: 2485
- h-index: 28
- i10-index: 76

211 publications indexed in the Hub. Of these:

Web of Science: 83 are found in WoS, with 1668 citations
PubMed: 103 are found in PubMed, with 209 citations
CiteULike: 20 are found in CiteULike
### Monthly Increases (Scopus, Web of Science, and PubMed)

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Quantifying the urban heat island (UHI) intensity in Hong Kong

Authors
Siu, Leong-wai

Issue Date
2011

Publisher
University of Hong Kong (Pokfulam Road, Hong Kong)

Abstract

The definition and quantification of urban heat island (UHI), the air temperature differences between urban and rural areas, remains problematic. This is due, in large part, to the difficulty of operationalizing the terms "urban" and "rural", especially with regard to classifying the weather stations that provide data. This thesis studies the urban heat island (UHI) intensity in Hong Kong and there are three foci in the research. The first focus of this study is the determination of the urban and rural weather stations in Hong Kong. The Local Climate Zones (LCZ) system has been employed to classify 17 weather stations and field observation was the main technique to collect the necessary metadata. Six field trips were arranged in the summer of 2009 and 2010. Hong Kong Observatory Headquarters (HKO) is considered as the only representative urban station, whilst Tsuk Yue Wu station (TYW) is deemed as the representative rural station because of its Forest Zone (NCZ1) classification. Ta Kwu Ling station (TKL) is another reference rural site. The second focus is the quantification of the UHI intensities at six pairs of stations in Hong Kong and their diurnal and seasonal variations. The 19-year annual UHI intensities in Hong Kong suggest that the representative rural sites (TYW and TKL) also record representative UHI intensities for the region. The differences of the cooling rate at urban and rural stations drive the diurnal cycle of urban heat island. The seasonal variations of UHI intensities are also driven by the cooling rate differences of urban and rural stations in different seasons. Since the mean maximum urban cooling rate does not vary considerably throughout the seasons (0.4 – 0.5 °C/hr), it is the alteration of the rural cooling rate (1.0 – 1.6 °C/hr at TYW; 0.9 – 1.2 °C/hr at TKL) which determines the seasonal variations of UHI intensities. The mean daily maximum UHI intensities in Hong Kong are greatest in winter. The final focus is the meteorological impacts on the UHI intensity in Hong Kong. Five meteorological elements, including air temperature, wind speed, vapour pressure, cloud cover, and cooling rate, have been separately investigated to establish their impacts on the UHI intensity. Under fine weather conditions, the first four elements are negatively related to the UHI intensity. Sixteen regression models were built after the use of stepwise procedures which optimize the combination of independent variables. Rural air temperature is considered the most important meteorological factor on the UHI intensity. The models also suggest that there are other factors affecting the UHI intensities in spring and summer.

Advisors
Peart, MR
Hart, MA

Degree
Master of Philosophy

Subject
Urban heat island - China - Hong Kong.
Urban temperature - China - Hong Kong.

Dept/Program
Geography

DOI
http://dx.doi.org/10.5353/th_b4569256

HKU Library Item ID
b4569256
## Grant: Reinforced concrete coupling beams with embedded steel plate

### General Research Fund (GRF)

**Application**

**Eligibility**

**Types of Research**

**Academic Research**

i. Basic research - research for the sake of advancing the frontiers of knowledge regardless of whether it would provide immediate benefit to mankind; and

ii. Applied research - efforts directed at meeting certain functional requirements which involve the application of theories to specific areas or for specific purpose, and/or enhance man's existence in the short to medium term.

**Contact Research**

Efforts which would lead to the delivery of a product or process and could involve both basic and applied research, though the latter is much more prevalent. Contract research is client-specific and is generally sponsored and financed by the client who can be either a private company or a public body or the Government.

### Criteria for Consideration of Competitive Bids

- **Principal Investigator**: Su, Kai Leung
- **Co-Investigator(s)**: Pam, Hoat Joen
- **Funding Year**: 2003/2004
- **Amount**: 25000
- **Start Date**: 01-10-2003
- **Expected Completion**: 30-09-2005
- **Status**: On-going
- **Sponsor**: RGC Projects (Block Grant)
- **Grant Type/Funding Scheme**: Other Grant
- **Duration**: 24 months
- **Objectives**: N/A

### Publications

1. **Effects of shear connectors on plate-reinforced composite coupling beams of short and medium-length spans**
2. **A survey on axial load ratios of structural walls in medium-rise residential buildings in Hong Kong**
3. **Seismic behaviour of slender reinforced concrete shear walls under high axial load ratio**
4. **Experimental study on embedded steel plate composite coupling beams**
5. **A brief summary of parametric study of plate-reinforced composite coupling beams**
6. **Strengthening of reinforced concrete coupling beams by bolted steel plates**
7. **The effects of shear connectors on plate-reinforced composite coupling beams**
## Patent Sources

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<tr>
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<td>World</td>
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<td>China</td>
<td>SIPO (State Intellectual Property office of the PRC)</td>
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**Granted Patent:** Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

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<td><strong>Granted Patent</strong></td>
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<td><strong>Granted Date</strong></td>
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| **Inventors** | Yam, Vivian Wing Wah  
Wong, Keith Man Chung  
Kwok, Ho-wing  
Zhu, Xiu-liang |
| **Abstract** | A class of luminescent gold(III) compounds with a tridentate ligand and at least one strong .sigma.-donating group having the chemical structure represented by the general formula (I): $\text{R}_1\text{R}_2\text{R}_3\text{L}$. This can be divided into subparts 1 and 2, each of which represents a specific compound. The group containing hydrogen, halogen, alkynyl, substituted alkynyl, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, alkoxyl, substituted alkoxyl, amino, substituted amino, cyano, nitro, alkyloxyl, alkoxy, aryloxyl, arylalkyl, mono- or di-alkylaminocarbonyl, alkylamino carbonyl, arylamino carbonyl, aryloxy carbonyl, and the like; X, Y and Z each independently represent a different atom or a carbon atom; $\text{R}_1\text{R}_2\text{R}_3\text{L}$ represents an aromatic or heterocyclic 5- or 6-membered ring. Each of the substituents alpha and beta, each of which represents a bridge for an aromatic or heterocyclic 5- or 6-membered ring or represents a break for a non-aromatic moiety; C-X, C-Y and C-Z each independently represent a single bond or double bond; n represents a zero or an integer; p, q and r represent positive integers. |
| **Persistent Identifier** | http://hdl.handle.net/10722/142108 |
| **Cites** | US 20030040627 |
Published Patent: Methods using Lycium barbarum extracts as neuroprotective agents for retinal ganglion cells degeneration

Related Collections:
- Patents
- Anatomy: Patents

Basic View
Title: Methods using Lycium barbarum extracts as neuroprotective agents for retinal ganglion cells degeneration
Priority Date: 2005-02-25
Inventors: So, KF
         Yuen, WH
         Chang, RCC
         Zee, SY
Citation: US Published patent application US 20050196478. Washington, DC: US Patent and Trademark Office (USPTO), 2005
Abstract: An Lycium barbarum extract demonstrates a neuroprotective effect on damaged retinal ganglion cells, preventing and preserving retinal ganglion cells from degeneration in the treated subjects after chronic and traumatic neuronal injury or glaucoma. Compositions include an effective amount of an agent and a pharmaceutically acceptable vehicle.
Persistent Identifier: http://hdl.handle.net/10722/45673
Publication: Neuroprotective effects of anti-aging oriental medicine Lycium barbarum against b-amyloid peptide neurotoxicity
HKU Scholar's Hub
Professor Bacon-Shone, John Hugh
Associate Dean of Social Science
Dept: Social Sciences
Research Ctr
## Networks: Bacon-Shone, JH

### Co-Authors

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### Keywords in Publications

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<td>41</td>
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<tr>
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<td>39</td>
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<td>31</td>
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### Co-Investigators

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<th>No. of Grants</th>
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<tr>
<td>Dr Day Jeffrey Richard</td>
<td>5</td>
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<td>Professor McGhee Sarah</td>
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<td>Dr Shek Daniel T.L.</td>
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