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Staff

Name: Professor Paul Kwong-Hang TAM 譚廣亨
Post: Chair Professor
Title: Division Chief and Chair of Professor
Qualifications: ChM, FRCS(Edin, Glas, Ire), FRCPCH, FHKAM
Division Tel: (852) 2255 4850
HKU Researcher Page: http://hub.hku.hk/rp/rp00060
HKU Researcher Page: Tam, PKH

Profile

Contact Information

Networks of Collaboration

Visualized
Tabulated

Publications

Articles (306)
Conf. Papers & Presentations (421)
Books & Book Chapters (18)
Patents (8)
Others (1)

Achievements

Community Service (14)
Supervision of Research Postgraduate Students (37)
Honours, Awards & Prizes (8)
HKU Committee Appointments (140)
Media Contact Directory (6)

Grants

Principal Investigator (26)
Co-Investigator (33)

Bibliometrics

External Metrics

Contact Information

Professor Tam, Paul Kwong Hang

Professor: Chair of Paediatric Surgery

Research Interests: (click to check for cognate researchers)

- Genomics
- Developmental biology
- Immunology
- Paediatric surgery

My URLs:

- Personal Page
- Biography

Also Cited As:

Tam, Paul
Tam, Paul KH

Tel: 2255 4850
Office: QMH 1540
Dept: Dept of Surgery V-C's Office
Faculty: Li Ka Shing Faculty of Medicine

Curriculum Vitae

Email Alert RSS Feed
Dr Botelho, Michael George

BDS (Lond), MSc (Lond), PhD (Wits), MRD RCS (Edin), FRACDS

Title: Clinical Associate Professor in Oral Rehabilitation

Discipline Area: Oral Rehabilitation

E-mail: botelho@hkucc.hku.hk

Tel: 2859 0412

Research Interests:

- Antibacterial glass ionomer cements and polymers
- Clinical audit of resin bonded bridges
- Tooth whitening
- Dental education

Selected Publications:

Research Grants:

Honours and Awards:
HKU ResearcherPage: Botelho, MG

Contact Information

Dr Botelho, Michael George

- Clinical Associate Professor

Research Interests: (click to check for cognate researchers)
- Antibacterial glass ionomer cements and polymers.
- Clinical audit of resin bonded bridges.
- Tooth whitening.
- Dental education.

My URLs:
- Personal Page

Also Cited As:
Botelho, MG
Botelho, M. G.

Tel: 2859 0412
Office: PP 4A27
Dept: Dental Faculty - Oral Rehabilitation
Faculty: Faculty of Dentistry
Hub Web Service

- Extract most details in batch
- Regular extractions
- On the fly?

Why?
- Already extracted from the HKU source
- Cleaner data, more complete
- Recently downloaded 50,000 HKU records from Scopus

Limitations
- ResearcherPages for those with UGC code A ~ I, sometimes O
- Limit of 100 queries / minute
  - Return max. of 1,000 records on 1 query
- Not “on-the-fly”
DSpace Web Service Demo

Username: webservice  Password: webservice123

Type: Grant
Pagination Rows: 20
Pagination Start: 0

Output Field(s):
- Project Code
- Project Title
- Funding Year
- Amount
- Panel
- Start Date
- Expected Completion Date
- Conference Title
- Presentation Title
- Status
- Keywords
- Discipline
- Sponsor
- Grant Type
- Primary Investigator
- Co-investigator(s)

Add Query

Rendered XML Request

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Search Results

Results 1-25 of 25.

Result pages: 1

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   Tse, Sui-wah, Betty.; 謝瑞華. 2012 171

2. Phonological awareness, oral language proficiency and beginning reading development among Hong Kong Chinese kindergarteners
   Yeung, Siu-sze.; 楊少詩. 2012 134

3. Teacher participation and its relation to the effectiveness of the appraisal system
   Chan, Lai-chu.; 陳麗珠. 2012 153

4. Consciousness-raising tasks for second language grammar instruction
   Chan, Shiu-yip, Simon.; 陳肇業. 2012 158

5. The roles of teachers' teaching behavior in students' learning styles and academic achievement
   Yu, Tak-ming.; 余德明. 2012 232

6. Support for students with special educational needs in Hong Kong
   Lau, Wing-yin, Verana.; 劉穎賢. 2012 140

7. Cognitive reading strategies instruction for children with specific language impairment
   Lau, Ka-ming.; 劉家明. 2012 92

8. Implementation of portfolio assessment
   Lam, Che-keung; 林志強. 2011 375

9. From product to process
   Lam, Yuen-mai.; 林婉薇. 2011 64

10. The political potentials of visual technology
    Yue, Wai-chik, Jack.; 余偉聰. 2011 343
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# Professor Chung, Sookja Kim

**金淑子**

- **Professor**
- **Dept:** Dept of Anatomy
- **Faculty:** Li Ka Shing Faculty of Medicine

## External Metrics

**Scopus (1996 ~)**

- **AuthorID:** 7404292976
- **Document Count:** 88
- **Total Citations:** 2059 total citations by 1690 documents
- **h Index:** 20
- **Co-authors:** 150

**ResearcherID**

- **RID:** C-4260-2009
- **Co-authors:** Collaboration Network

**BiomedExperts**

- **PersonDetailPage:** 243356
- **Co-authors:** 69
- **Publications:** 60

**Google Scholar Citations**

- **Author Profile:** 7VnZgMMAAAAJ
- **Citations:** 2624
- **h-index:** 27
- **i10-index:** 59

**PubMed**

- **Hub items with PubMed ID:** 47
- **Hub items with PMC ID:** 9
- **Citation count of Hub items in PMC:** 41
- **Hub items cited in PMC:** 11

**Microsoft Academic Search**

- **Author ID:** 23590072
- **Publications:** 66
- **Citations:** 609 times by 427 publications
- **G-index:** 20
- **H-Index:** 14
- **Collaborators:** 181
## Monthly Increases (Scopus, Web of Science, and PubMed)

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<th>Increases for Dec 2012</th>
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<td>Expression of viral capsid protein antigen against Epstein-Barr virus in plastids of Nicotiana tabacum cv. SR1</td>
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<td>Functional analyses of the chitin-binding domains and the catalytic domain of Brassica juncea chitinase BjCH1</td>
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<td>G-box binding coincides with increased Solanum melongena cysteine proteinase expression in senescent fruits and circadian-regulated leaves</td>
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<td>Identification of cis-elements for ethylene and circadian regulation of the Solanum melongena gene encoding cysteine proteinase</td>
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Article: Interaction between the polyol pathway and non-enzymatic glycation on mesangial cell gene expression

Title: Interaction between the polyol pathway and non-enzymatic glycation on mesangial cell gene expression

Authors: Dan, Q
Wong, RLC
Yin, S
Chung, SK
Chung, SSM
Lam, KSL

Keywords:
Advanced glycation end-products
Aldose reductase gene
Diabetic glomerulopathy
Diabetic nephropathy
TGF-β 1
Transgenic mouse
Type IV collagen

Issue Date: 2001

Publisher: S Karger AG. The Journal's web site is located at http://www.karger.com/NEE

Citation: Nephron - Experimental Nephrology, 2004, v. 98 n. 3, p. e89-e99 [How to Cite?]
DOI: http://dx.doi.org/10.1159/000080684

Abstract:
Background/Aims: Both activation of the polyol pathway and enhanced non-enzymatic glycation have been implicated in the pathogenesis of diabetic glomerulopathy. We investigated the interaction between these two pathways using normal mesangial cell (MCs) and transgenic (TG) MCs with elevated aldose reductase (AR) activity. Methods: MCs with expression of the human AR (hAR) gene in kidney MCs were established. Mouse glomeruli and primary cultures of MCs from hAR TG and wild-type (WT) mice were studied regarding the changes in AR activity, transforming growth factor-β 1 (TGF-β 1) and type IV collagen mRNA and protein levels, in response to BSA modified by advanced glycation endproducts (AGE-BSA). Results: Ex vivo addition of AGE-BSA increased AR activity, TGF-β 1 and type IV collagen mRNA levels in both WT and TG glomeruli, with greater rise in TG glomeruli. These increments were attenuated by zoprostastat, an AR inhibitor. In cultured MCs, AGE-BSA enhanced AR activity, TGF-β 1 and type IV collagen mRNA and protein levels both in WT and TG MCs, again with greater increases in TG MCs. The AGE-induced enhancement in TGF-β 1 and type IV collagen expression were...
### Profile

**Contact Information**

**Networks of Collaboration**
- Visualized
- Tabulated

**Publications**
- Articles (99)
- Conf. Papers & Presentations (74)
- Books & Book Chapters (7)
- Patents (27)

**Achievements**
- Community Service (1)
- Supervision of Research Postgraduate Students (26)
- Honours, Awards & Prizes (4)
- HKU Committee Appointments (16)
- Media Contact Directory (6)
- Editorialship (7)

**Grants**
- Principal Investigator (17)
- Co-Investigator (2)

**Bibliometrics**
- External Metrics
- Monthly Increases
- Internal Metrics
- Monthly Increases

### Publications

#### External Metrics

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Co-authors: 150 |
| **ResearcherID** | RID: A-2740-2010  
Document Count: 111  
Times Cited: 1462  
h Index: 22  
Co-authors: Collaboration Network |
| **BiomedExperts** | PersonDetailpage: 243993  
Co-authors: 42  
Publications: 57 |
| **PubMed**       | Hub items with PubMed ID: 8  
Citation count of Hub items in PMC: 30  
Hub items cited in PMC: 5 |
| **Microsoft Academic Search** | Author ID: 23922339  
Publications: 65  
Citations: 784 times by 546 publications  
Google Scholar: 24 |
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## Networks: Bacon-Shone, JH

### Co-Authors

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View More

### Keywords in Publications

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### Co-Investigators

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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 meteorological data. 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 Tung Ching Yeue Wu station (TYW) is deemed as the representative rural station because of its Frey's 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 three elements are negatively related to the UHI intensity. Sixteen regression models were constructed after the use of stepwise procedures which optimize the combination of independent variables. Rural air temperature is considered the most important meteorological factor affecting the UHI intensity. The models also suggest there are other factors affecting the UHI intensities in spring and summer.
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• HKUL, A CrossRef publisher
  – Now only for theses

• Future?
  – HKU conference papers
  – HKU datasets
  – HKU publications
Professional Organizations
Professor Lau, Wallace Chak Sing

- Chair of Rheumatology and Clinical Immunology
- Professor, Chair of Rheumatology and Clinical Immunology

**Dept:** Dept of Medicine

**Faculty:** Li Ka Shing Faculty of Medicine

### Professional Organizations

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Grant data on publications
**Funding Source and Research Report Quality in Nutrition Practice-Related Research**

Esther F. Myers, J. Scott Parrott, Deborah S. Cummins, Patricia Splett

---

**Abstract**

**Background**

The source of funding is one of many possible causes of bias in scientific research. One method of detecting potential for bias is to evaluate the quality of research reports. Research reports can be assessed using a variety of methods, including the use of checklists and guidelines. The quality of research reports can be assessed using a variety of methods, including the use of checklists and guidelines.
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
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Funding Agency
Research Grant Council of Hong Kong
Hong Kong Baptist University
Grant Number
HKU 7636/05M
FRG/06-07/I-07
FRG/06-07/I-43

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
**Grant:** Role of kinesin-mediated intracellular transportation in Alzheimer's Disease

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<td><strong>Co-Investigator(s)</strong></td>
<td>Professor St George-Hyslop Peter</td>
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**Granted Patent:** Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

**Title:** Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

**Granted Patent:** US 7572912

**Granted Date:** 2009-08-11

**Priority Date:** 2004-10-29 US 2004-977200
2005-09-25 WO 2005-CN1589

**Inventors:**
- Yam, Vivian Wing Wah
- Wong, Keith Man Chung
- Kwok, Hoi-sing
- Zhu, Xiuling

**Citation:** US Patent 7572912. Washington, DC: US Patent and Trademark Office, 2009

**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): #STR0001## wherein R.sub.1-R.sub.4 each independently represent the group containing hydrogen, halogen, alkynyl, substituted alkynyl, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, alkoxy, substituted alkoxy, amino, substituted amino, cyano, nitro, alkylcarbonyl, alkoxy carbonyl, arylcarbonyl, arylcarbonyloxyl, arylcarboxyloxy, arylcarboxyl, arylcarboxyloxy group, and the like; X, Y and Z each independently represent a heterocarbon or a carbon; #STR0002## represents an aromatic or heterocyclic 5- or 6-membered ring; .alpha. and .beta. each independently represent a bridge for an aromatic or heterocyclic 5- or 6-membered ring or represent a break for non-cyclic 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

Title: Methods using Lycium barbarum extracts as neuroprotective agents for retinal ganglion cells degeneration

Priority Date: 2005-02-25 US 11/066628

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 [How to Cite?]

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
Community Service
Dr Chen, Zhansheng
陳戰勝

- Assistant Professor
- **Dept:** Dept of Psychology
- **Faculty:** Faculty of Social Sciences

### Community Service

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- Organizations (From 1 July 2012)

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LI KA SHING FACULTY OF MEDICINE

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