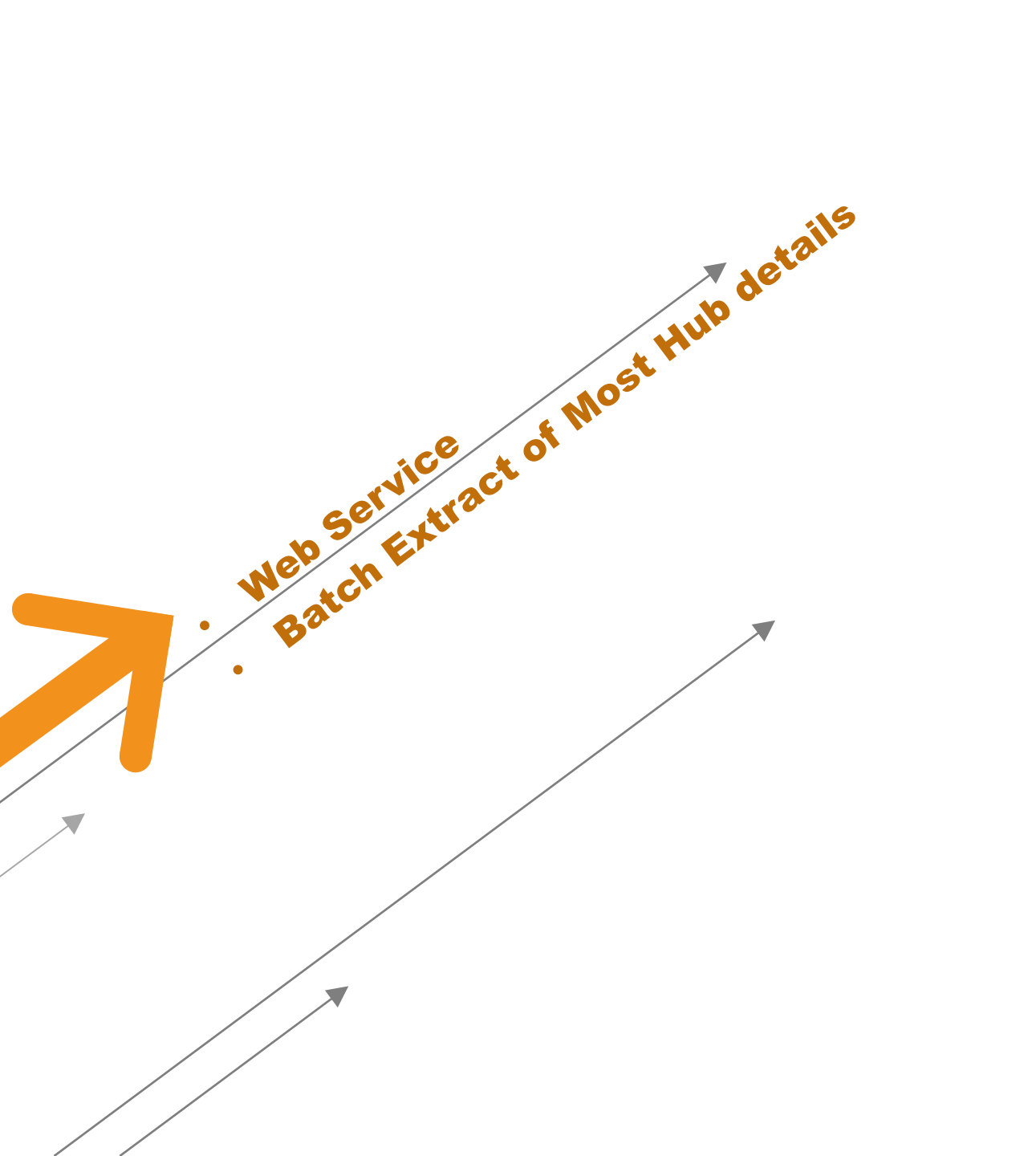




Maximizing Your Hub Data

David T Palmer
The University of Hong Kong (HKU)
Knowledge Exchange Lunch Meeting, 30 Jan 2013



- **Web Service**
- **Batch Extract of Most Hub details**



About the Department
Message from the Head

Staff

- Department of Surgery
- Nursing
- Administrative
- Laboratory
- HKU-SZ Hospital
- Clinical Services
- Research
- Teaching & Training
- Department download
- Staff Welfare
- Useful Information
- Home
- Site Map

[Academic](#) | [Hospital Authority](#) | [Nursing](#) | [Administrative](#) | [Laboratory](#)

staff name Search

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>



Comments to:
surgery@hku.hk



HKU ResearcherPage: 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

譚廣亨

- 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



About Us

▶ [Dean's Message](#)

▶ [Academic Staff](#)

- [By Surname](#)

- [By Discipline Area](#)

- [By Title](#)

▶ [Visiting/Honorary Staff](#)

▶ [Faculty Vision and Mission](#)

▶ [Organisational Structure](#)

▶ [Introduction to Studying Dentistry in Hong Kong](#)

▶ [Introduction to Problem-based Learning](#)

▶ [Introduction to the HKU Faculty of Dentistry](#)

▶ [Faculty Factsheet & Videos](#)

Academic Staff

Staff Data:

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



⊖ Interests:

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:





HELP

- HKU LOGIN
- GUEST LOGIN



HKU ResearcherPage: Botelho, MG

Profile

[▶ Contact Information](#)

Networks of Collaboration

[Visualized](#)

[Tabulated](#)

Publications

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[Conf. Papers & Presentations \(57\)](#)

[Books & Book Chapters \(7\)](#)

Achievements

[Supervision of Research Postgraduate Students \(3\)](#)

[Honours, Awards & Prizes \(4\)](#)

[HKU Committee Appointments \(3\)](#)

[Media Contact Directory \(6\)](#)

Grants

[Principal Investigator \(2\)](#)

[Co-Investigator \(3\)](#)

Bibliometrics

[External Metrics](#)

[Monthly Increases](#)

Contact Information



Tel: 2859 0412

Office: PP 4A27

Dept: Dental Faculty - Oral Rehabilitation

Faculty: Faculty of Dentistry

Dr Botelho, Michael George

- Clinical Associate Professor

Research Interests: (click to check for cognate researchers)

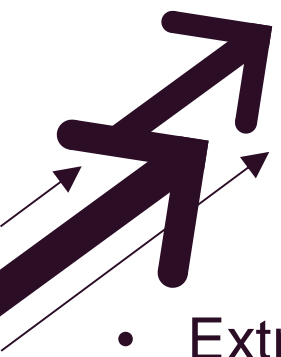
- Antibacterial glass ionomer cements and polymers.
- Clinical audit of resin bonded bridges.
- Tooth whitening.
- Dental education.

My URLs:

- [Personal Page](#)

Also Cited As:

Botelho, MG
Bothelo, M. G.



→ **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: Password:

Type:

Pagination Rows:

Pagination Start:

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)

Rendered XML Request

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xmlns:sch="http://www.cilea.it/cris/schemas">
  <soapenv:Header/>
  <soapenv:Body>
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      <sch:Auth>
        <sch:Username>webservice</sch:Username>
        <sch:Password>webservice123</sch:Password>
      </sch:Auth>
      <sch:InfoQuery>
        <sch:Query>investigators:rp00064</sch:Query>
        <sch:PaginationRows>20</sch:PaginationRows>
        <sch:PaginationStart>0</sch:PaginationStart>
      </sch:InfoQuery>
    </sch:NormalAuthQueryRequest>
  </soapenv:Body>
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  ▼<SOAP-ENV:Body>
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</SOAP-ENV:Envelope>
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SEARCH RESULTS

Top authors in the result set

- Chan, Lai-chu. (1)
- Chan, Shiu-yip, Simon. (1)
- Chan, Wai-ling (1)
- Cheng, Mei-lin. (1)
- Chui, Wai-ngor (1)
- Deng, Liping (1)
- Fok, Chun-wing, Daniel. (1)
- Lam, Che-keung (1)
- Lam, Yuen-mai. (1)
- Lau, Ka-ming. (1)

Top types in the result set

PG_Thesis (25)

Top publishers in the result set

The University of Hong Kong (Pokful... (25)

Top languages in the result set

eng (22)

chi (3)

Top journals in the result set

HKU Theses Online (HKUTO) (25)

Refine Search

All of HKU Scholars Hub

for *.*

dc.description.thesisname: Doctor of Education

> Search

Results 1-25 of 25.

Result pages: 1

	Title	Author(s)	Year	View Count
1	Spatial sense in small-scale space	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.; 余偉職.	2011	343



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- HKU LOGIN
- GUEST LOGIN



SEARCH RESULTS

Top authors in the result set

- Che, Chi Ming (36)
- Yam, Vivian Wing Wah (15)
- Tanner, Julian Alexander (13)
- Yang, Dan (10)
- Cheah, Kathryn Song Eng (9)
- Kui, Chi Fai (8)
- Wong, Man Chung (8)
- Huang, Jiandong (5)
- Chen, Yan (4)
- Fung, Ying Sing (4)

Top languages in the result set

eng (7)

Top natures in the result set

published_or_final_version (72)

Refine Search

Department of Biochemistry

for

dc.type: Patent

Results 1-50 of 105.

Result pages: 1 2 3 next

	Title	Author(s)	Year	View Count
1	High-Affinity Nucleic Acid Aptamers against Sclerostin Protein	Tanner, JA ; Shum, KT; Chan, SLC	2011	68
2	DNA aptamers against plasmodium lactate dehydrogenase and histidine-rich protein II for malaria diagnosis and therapy	Tanner, JA ; Cheung, YW	2012	79
3	CELL-MATRIX MICROSPHERES, METHODS FOR PREPARATION AND APPLICATIONS	Chan, BP ; Chan, GCF ; Wong, Hoi Ling; Cheung, PT ; Cheah, KSE ; Chan, D	2012	18
4	Mutant mice comprising a mutated type II procollagen alpha-1	Cheah, KSE ; Zhang Janet Chyng-Jiau L; Cheah, KSE ; Zhang Janet Chyng-Jiau Lin	2012	12
5	Organometallic light-emitting material	Che, CM ; Lu, W ; Chan, MCW	2012	17
6	Electroluminescent metallo-supramolecules with terpyridine-based groups	Che, CM ; Yu, Szechit	2012	16
7	Electroluminescent metallo-supramolecules with terpyridine-based groups	Che, CM ; Yu Szechit	2012	20
8	ORGANOMETALLIC LIGHT-EMITTING MATERIAL	Che, CM ; Wei Ru; Michael Chi-Wan Chan	2012	19
9	LUMINESCENT GOLD(III) COMPOUNDS FOR	Y...	2012	20



Statistics
- @# \$% ^ & * , etc.

Contact Information

Networks of Collaboration

Visualized

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Publications

Articles (112)

Conf. Papers & Presentations (187)

Books & Book Chapters (2)

Patents (14)

Achievements

Community Service (9)

Supervision of Research Postgraduate Students (43)

HKU Committee Appointments (1)

Grants

Principal Investigator (16)

Co-Investigator (24)

Bibliometrics

▶ External Metrics

Monthly Increases

Internal Metrics

Monthly



Professor Chung, Sookja Kim R
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: 56
Citations: 509 times by 427 publications
G-Index: 20
H-Index: 14
Collaborators: 181



Professor Chye, Mee Len R

蔡美蓮

- Wilson and Amelia Wong Professorship in Plant Biotechnology

Dept: School of Biological Sciences

Faculty: Faculty of Science

Monthly Increases (Scopus, Web of Science, and PubMed)

Title	Totals (as of today)			Increases for Dec 2012			Increases for last 3 months		
	Scopus	WoS	PubMed	Scopus	WoS	PubMed	Scopus	WoS	PubMed
Expression of three members of the calcium-dependent protein kinase gene family in <i>Arabidopsis thaliana</i>	58	61	8	1			1	1	
Expression of viral capsid protein antigen against Epstein-Barr virus in plastids of <i>Nicotiana tabacum</i> cv. SR1	11	9	2				1	2	1
Functional analyses of the chitin-binding domains and the catalytic domain of <i>Brassica juncea</i> chitinase BjCHI1	17	15	3				1	1	
G-box binding coincides with increased <i>Solanum melongena</i> cysteine proteinase expression in senescent fruits and circadian-regulated leaves	13	12	1						
Guidelines for the use and interpretation of assays for monitoring autophagy	29			18					
Identification of cis-elements for ethylene and circadian regulation of the <i>Solanum melongena</i> gene encoding cysteine proteinase	18	17	5						
Inhibition of endogenous trypsin- and chymotrypsin-like activities in transgenic lettuce expressing heterogeneous proteinase inhibitor SaPIN2a	25	26	3	2	2	2	2	3	2
Isolation and nucleotide sequence of a cDNA clone encoding the beta subunit of mitochondrial ATP synthase from <i>Hevea</i>	6		2						

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

File Download

No File Attached

[Contact the author\(s\) ?](#)

[Links for fulltext](#)
(May Require Subscription)

[Publisher Website:](#)
10.1159/000080684

[Scopus:](#) eid_2-s2.0-8344266747

[PMID:](#) 15528949

[Find via](#) 

Supplementary

[Bookmarks:](#)

[CiteULike:](#) 1

[Citations:](#)

[Scopus:](#) 18

[Web of Science:](#) 14 [Related Records](#)

[Item Statistics \(The Hub\)](#)

[Appears in Collections:](#)

[Medicine: Journal/Magazine Articles](#)

Basic View

Metadata View

XML View

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: mice 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), 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 zopolrestat, 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 was

Profile

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Publications

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[Conf. Papers & Presentations \(74\)](#)

[Books & Book Chapters \(7\)](#)

[Patents \(27\)](#)

Achievements

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[Supervision of Research Postgraduate Students \(26\)](#)

[Honours, Awards & Prizes \(4\)](#)

[HKU Committee Appointments \(16\)](#)

[Media Contact Directory \(6\)](#)

[Editorship \(7\)](#)

Grants

[Principal Investigator \(17\)](#)

[Co-Investigator \(2\)](#)

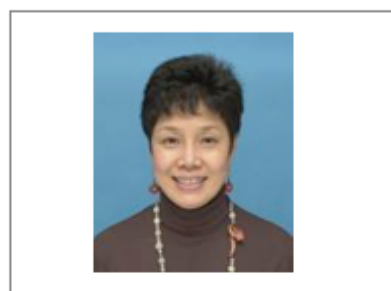
Bibliometrics

▶ [External Metrics](#)

[Monthly Increases](#)

[Internal Metrics](#)

[Monthly Increases](#)



Professor Chye, Mee Len R 蔡美蓮

- Wilson and Amelia Wong Professorship in Plant Biotechnology

Dept: School of Biological Sciences

Faculty: Faculty of Science

External Metrics

Scopus (1996 ~)

AuthorID: 7003905460
Document Count: 81
Total Citations: 1475 total citations by 968 documents
h Index: 20
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



Professor Chye, Mee Len R

蔡美蓮

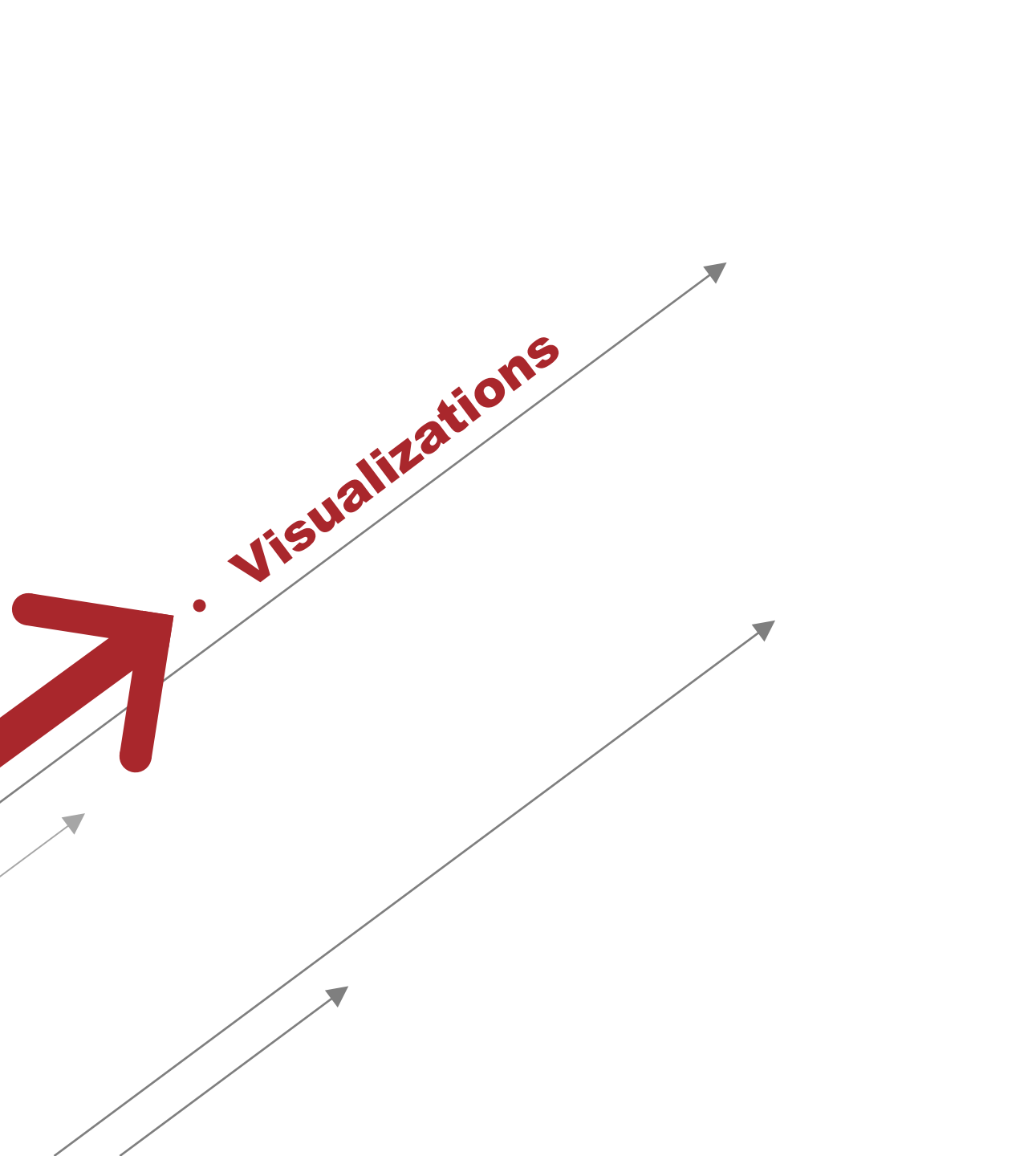
- Wilson and Amelia Wong Professorship in Plant Biotechnology

Dept: School of Biological Sciences

Faculty: Faculty of Science

Monthly Increase

Title	Totals (as of today)		Increases of Dec 2012		Increases for last 3 months	
	Views	Downloads	Views	Downloads	Views	Downloads
Expression of proteinase inhibitor II proteins during floral development in <i>Solanum americanum</i> flowers	98		5		17	
Expression of recombinant <i>Brassica juncea</i> HMG-CoA synthase 1 and its mutants	85		7		22	
Expression of <i>Solanum americanum</i> genes encoding proteinase inhibitor II is essential for seed development	145		3		12	
Expression of the <i>Hevea brasiliensis</i> (H.B.K.) Mull. Arg. 3-hydroxy-3-methylglutaryl-coenzyme A reductase 1 in tobacco results in sterol overproduction	472	41	13	7	30	9
Expression of three members of the calcium-dependent protein kinase gene family in <i>Arabidopsis thaliana</i>	134		14		26	
Expression of viral capsid protein antigen against Epstein-Barr virus in plastids of <i>Nicotiana tabacum</i> cv. SR1	123		3		12	
Functional analyses of the chitin-binding domains and the catalytic domain of <i>Brassica juncea</i> chitinase BjCHI1	121		7		16	
G-box binding coincides with increased <i>Solanum melongena</i> cysteine proteinase expression in senescent fruits and circadian-regulated leaves	126		12		23	
Genetically modified plants comprising SARS-CoV viral nucleotide sequences and methods of use thereof for immunization against SARS	18		11		11	
Genetically Modified Plants Comprising Sars-Cov Viral Nucleotide Sequences And Methods Of Use Thereof For Immunization Against Sars	104	13	17	3	31	6

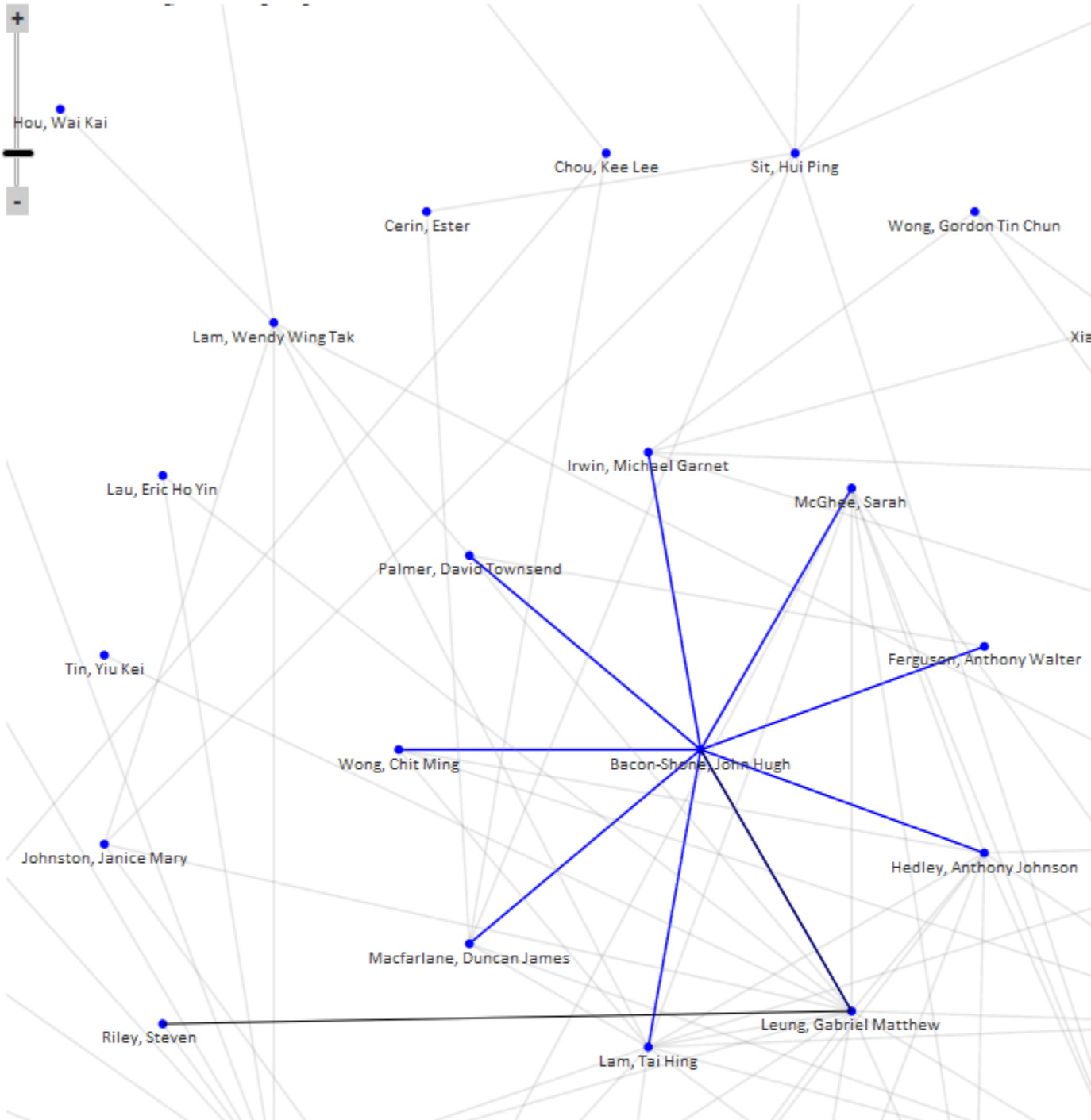


Visualizations

HKU Researcher



**Professor Bacon-Shone,
John Hugh**
Associate Dean of Social
Science
Dept: Social Sciences
Research Ctr



Degree of Separation

Co-authors 3

Co-investigators 2

Keywords in grants 2

Keywords in publications 2

HKU Researcher



Professor Bacon-Shone, John Hugh
 Associate Dean of Social Science
Dept: Social Sciences
 Research Ctr

AND

Cognate Researcher



Dr Wong, Chit Ming
 Associate Professor
Dept: Dept of Community Medicine

SHARE

Research Facets

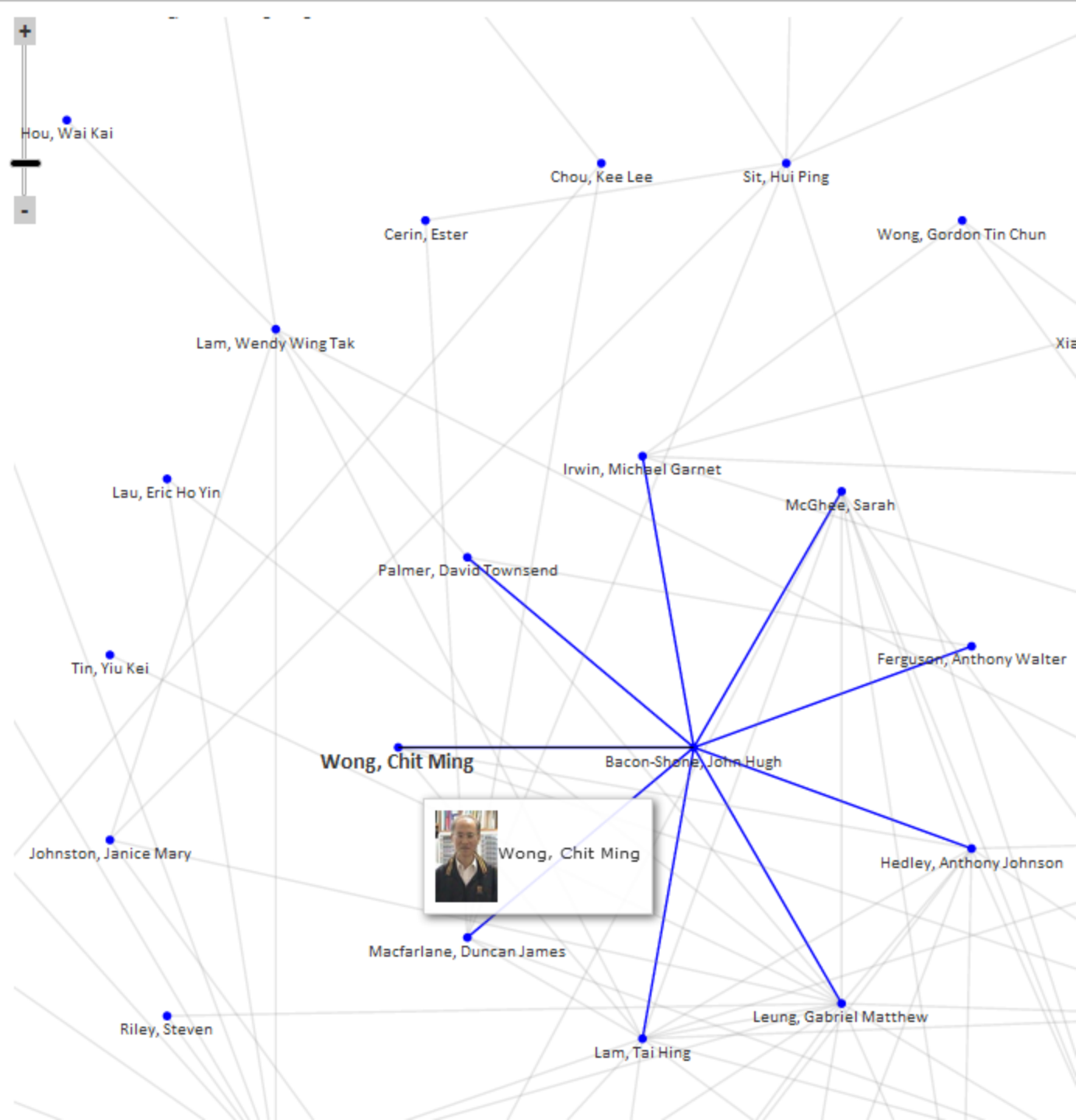
- **Keywords (grants): 2**
- **Awards: 1**
- **Publications 5**
- **Co-investigators: 6**

Degree of Separation

Co-authors 3

Co-investigators 2

Keywords in grants 0



Networks: Bacon-Shone, JH

Co-Authors		Keywords in Publications		Co-Investigators	
Authors	No. of Publications	Keywords	No. of Authors	Investigators	No. of Grants
Lo, VSY	7	surgery	212	Dr Wong Chit Ming	6
Hedley, AJ	6	hypoxia	95	Prof Hedley Anthony Johnson	6
Leung, GM	6	bayesian inference	39	Professor Burns John Pond	6
Lam, TH	5	monitoring	38	Dr Day Jeffrey Richard	5
Leung, MP	5	propofol	30	Dr Shek Daniel T.L.	3
Leung, PWL	5	institutional repository	20	Dr Traver Harold Henry	3
Macfarlane, DJ	5	midazolam	19	Professor Blowers Geoffrey Hathaway	3
Tong, HK	5	open access	18	Professor McGhee Sarah	3
Wong, CM	5	optimal design	14	Dr Lam Debbie Oi Bing	2
Irwin, MG	4	general anaesthesia	13	Dr Leung Julian Yat Ming	2
View More		View More		View More	

Keywords in Grants		Disciplines in Grants		Co-Winners	
Keywords	No. of Investigators	Disciplines	No. of Investigators	Winners	No. of Awards
public health	49	earth sciences	67	Lam, TH	1
ethics	18	others - mathematics	22	Wong, CM	1
health care	18			Hedley, AJ	1
youth	18			Fung, H	1
cross-cultural	15			Ma, SLS	1
coronary heart disease	9			Shung, E	1
chinese children	8				
incentives	8				
school readiness	7				



DOI Registration

 **Publisher Website:**
[10.5353/th_b4569256](http://dx.doi.org/10.5353/th_b4569256)

Supplementary

- [Item Statistics \(The Hub\)](#)
- **Appears in Collections:**
 - [HKU Theses Online](#)
 - [Geography: Theses](#)

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 respect 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 Ta Kwu Ling station (TKL) is deemed as the representative rural station because of its Far North Zone (NCZ1) classification. Yue Wu station (TYW) 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 variation 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 five elements are negatively related to the UHI intensity. Sixteen regression models were developed after the use of stepwise procedures which optimize the combination of independent meteorological 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](#) 

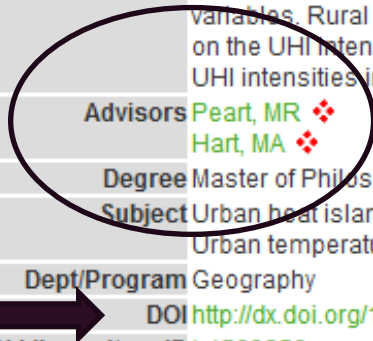
Degree Master of Philosophy

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





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[Co-Investigator \(4\)](#)

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Professor Lau, Wallace Chak Sing

劉澤星

- 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

Start Date	End Date	Position	Organization
01-1985	01-1992	Member	British Medical Association
01-1989	01-1992	Member	Scottish Society for Experimental Medicine
01-1989	01-1992	Member	Dundee Forum in Rheumatology
01-1988	01-1998	Collegiate Member	Royal College of Physicians of Edinburgh
01-1998		Fellow	Royal College of Physicians of Edinburgh
01-1988		Member	Scottish Society for Rheumatology
01-1989		Member	Forfar Medical Association
01-1989	01-2004	Member	British Society for Haemostasis and Thrombosis
01-1989		Member	British Society for Rheumatology
01-1992	01-1996	Fellow	American College of Angiology
01-1992		Fellow (International)	American College of Rheumatology
01-1992		Member	Asia-Pacific League of Associations for Rheumatology (APLAR)
01-2000	01-2002	Deputy Secretary General	Asia-Pacific League of Associations for



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RESEARCH ARTICLE

Funding Source and Research Report Quality in Nutrition Practice-Related Research

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

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Abstract

Background

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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	Grant Number
Research Grant Council of Hong Kong	HKU 7636/05M
Hong Kong Baptist University	FRG/06-07/II-07
	FRG/06-07/II-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/II-07 and FRG/06-07/II-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](#)

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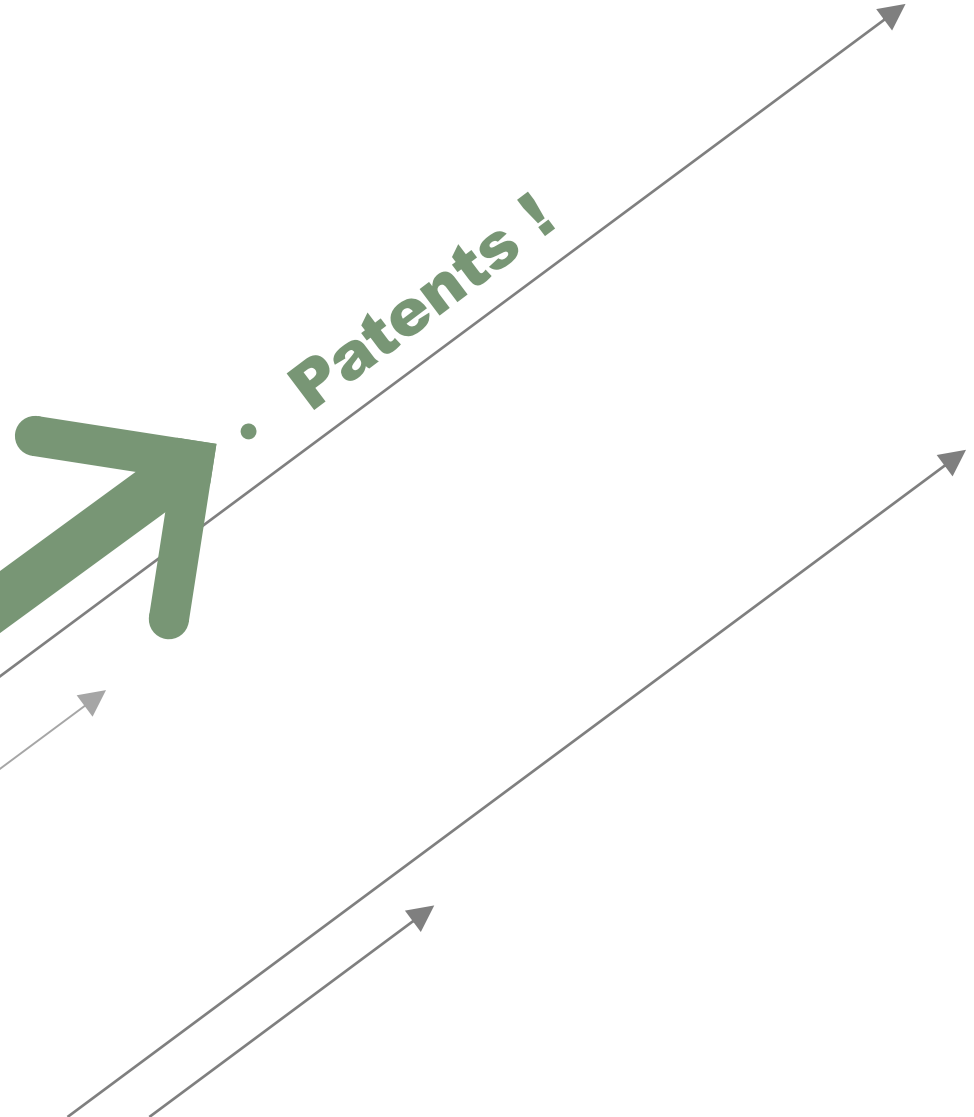
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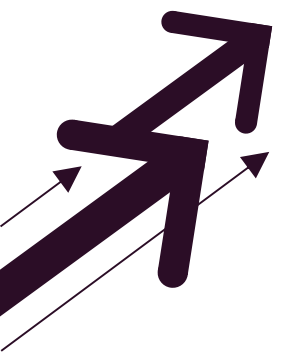
XML View

Project Title	Role of kinesin-mediated intracellular transportation in Alzheimer's Disease
Principal Investigator	Huang, Jiandong (Principal investigator) ❖
Co-Investigator(s)	Professor St George-Hyslop Peter Wu, Wutian (Co-Investigator) ❖ Song, You-qiang (Co-Investigator) ❖ Dr Jenkins Nancy A (Co-Investigator) Dr Copeland Neal G (Co-Investigator) Professor Westaway David (Co-Investigator)
Project Code	HKU 7636/05M
Funding Year	2005/2006
Amount	1360957
Start Date	01-01-2006
Expected Completion	31-12-2008
Status	Completed
Keywords	Alzheimer's Disease
Discipline	Cell Biology, Developmental Biology
Sponsor	RGC General Research Fund
Grant Type/Funding Scheme	General Research Fund (GRF)
Duration	36
Publication	Salvianolic acid B inhibits hydrogen peroxide-induced endothelial cell apoptosis through regulating PI3K/Akt signaling
Publication	Targeted inactivation of Kinesin-1 in pancreatic β -cells in vivo leads to insulin secretory deficiency
Publication	Cerebellar defects in Pdss2 conditional knockout mice during embryonic development and in adulthood



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World	Patent Lens Patentscope Espacenet
US (Chemistry)	SciFinder
EU	European Patent Office
Japan	Japan Patent Office
China	SIPO (State Intellectual Property office of the PRC)



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

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Patent History

Application	US 10/977,200 2004-10-29
Publication	US 20060091378 2006-05-04
Granted	US 7572912 2009-08-11

Patent Family

WO 2006045235	2006-05-04
CN 10109098946	2008-01-02
US 20090278453	2009-11-12

Supplementary

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Basic View

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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 [\[How to Cite?\]](#)

Abstract A class of luminescent gold(III) compounds with a tridentate ligand and at least one strong σ -donating group having the chemical structure represented by the general formula (I): ##STR00001## 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, aryloxy carbonyl, mono- or dialkylaminocarbonyl, alkylcarbonyloxy, arylcarbonyloxy, aryloxy, alkoxy carbonyl, aryloxy carbonyloxy group, and the like; X, Y and Z each independently represent a heteroatom or a carbon; ##STR00002## represents an aromatic or heterocyclic 5- or 6-membered ring; α and β 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



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

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121599.pdf

Patent History

Application US 11/066628
2005-02-25

Publication US 20050196478
2005-09-08

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Basic View	Metadata View	XML View
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	





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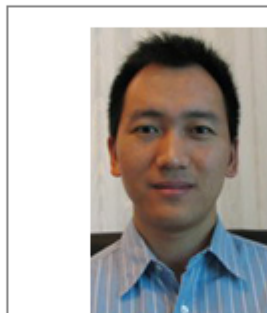
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Dr Chen, Zhansheng R

陳戰勝

• Assistant Professor

Dept: Dept of Psychology

Faculty: Faculty of Social Sciences

Community Service

Start Date	End Date	Position	Journal / Organization / Project Title
06-2011	07-2011	ad hoc reviewer	J: Applied Psychology: An International Review
06-2011	07-2011	ad hoc reviewer	J: European Journal of Social Psychology
12-2010	12-2010	ad hoc reviewer	J: Social Influence
11-2010	11-2010	ad hoc reviewer	J: Asian Journal of Social Psychology
10-2010	10-2010	ad hoc reviewer	J: Social Psychological and Personality Science
08-2010	08-2013	committee member	O: Hong Kong Examinations and Assessment Authority
03-2010	03-2010	ad hoc reviewer	J: Journal of Social and Personality Psychology
08-2009	09-2009	ad hoc reviewer	J: Asian Journal of Social Psychology



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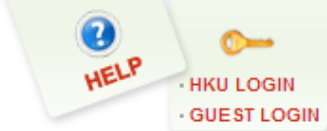
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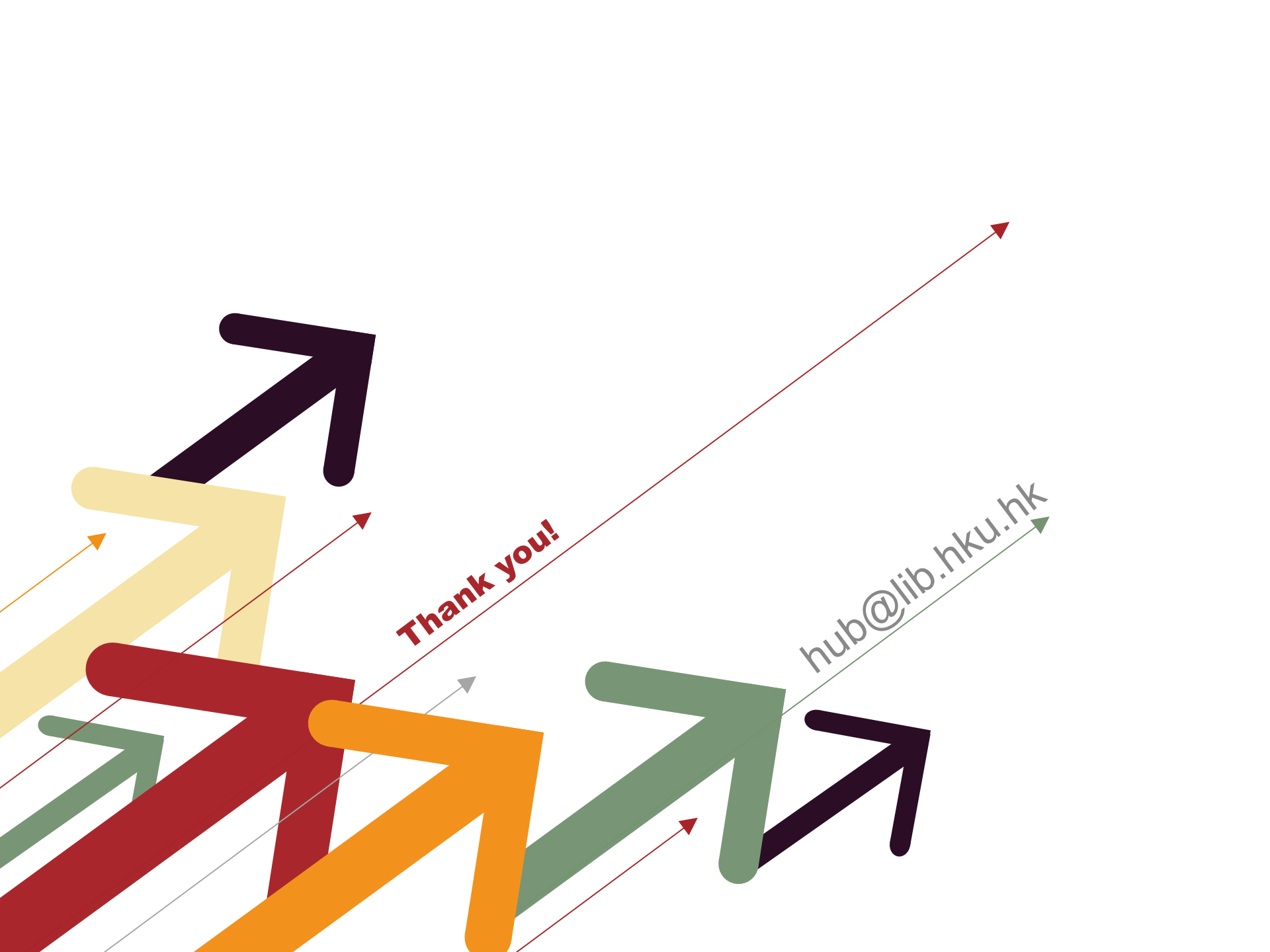
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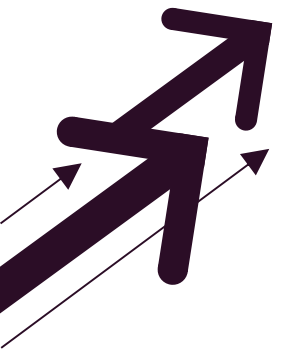
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