CURRICULUM VITAE

Dr. Nelson Leung-sang TANG

MB.ChB., MD., FRCPA (Austr), FHKSCC.

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https://www.cuhk.edu.hk/med/cpy/Research/NelsonTang.htm

ACADEMIC DEGREES AND PROFESSIONAL QUALIFICATIONS

2002	Doctor of Medicine (CUHK)
2002	Fellow of the Hong Kong Society of Clinical Chemistry
1998	Accredited Clinical Biochemists (Hong Kong)
1997	FRCPA, Fellow of the Royal College of Pathologists of Australasia (FRCPA)
1991	MBChB, Bachelor of Medicine and Bachelor of Surgery, MB ChB (CUHK)

EMPLOYMENT HISTORY

2002 - now	Professor (from Professor 2 to current on CA2 band)
2003 -2004	Visiting Scientist, University of Cambridge, United Kingdom (Sabbatical)
1996 - 2002	Lecturer (and then with the title of Associate Professor)
1992-96	Medical Officer (in Anatomical Pathology and Chemical Pathology, Prince of Wales Hospital)

ADJUNCT AND HONORARY POSITIONS

2023	Overseas Examiner of Genetics Pathology for the Royal College of Pathologists of Australasia (RCPA)	
2009, 2013, 2023	 Committee member, Manual Transformation Steering Committee, Ro College of Pathologists of Australasia 	
Current	Executive Committee Member, Hong Kong Branch of CAS Center for Excellence in Animal Evolution and Genetics, School of Biomedical Sciences, The Chinese University of Hong Kong	
Current	Principal Investigator, Laboratory for Genetics of Disease Susceptibility, Li Ka Shing Institute of Health Sciences, CUHK	
Current	Member, The Board of Trustees of United College, CUHK	

Current	Principal Investigator, Functional Genomics and Biostatistical Computing Laboratory, CUHK Shenzhen Research Institute, Shenzhen, China
Current	Course coordinator of BMEG 5790 Bioinformatics in MSc program in Biomedical Engineering
Current	Member of Preclinical Education Committee
Current	Member, Grant Review Board of Health and Medical Research Fund, Hong Kong SAR Government
Current	Primary Supervisor of training in Genetic Pathology for Royal College of Pathologists of Australasia (RCPA) at Prince of Wales Hospital
Current	Member, Editorial Board of the journal Pathology and Frontiers in Genetics
Current	Member, The Committee of Board Directors for Asian Society of Inherited Metabolic Diseases (ASIMD)
Current	Associate Director, KIZ / CUHK Joint Laboratory of Bioresources and Molecular Research in Common Diseases
2021	Grant proposal reviewer for 國家自然科學基金委員會
2018	Working Group on Colorectal and Breast Cancer Screening for High Risk Groups, Centre for Health Protection, Department of Health, Hong Kong SAR Government
2016 - now	Adjunct Professor in School of Biomedical Sciences, CUHK
2009 - 2014	Scientific Editor, Catalogue of Genetic Tests and Laboratories, Royal College of Pathologists of Australasia
2009 –now	Associate Director, KIZ / CUHK Joint Laboratory of Bioresources and Molecular Research in Common Diseases
2008	Honorary Professor,雲南省人口和計劃生育科學技術研究所
2007 -now	Principal Investigator, Laboratory for Genetics of Disease Susceptibility, Li Ka Shing Institute of Health Sciences, CUHK
2007	Honorary Professor, Xi'an Jiaotong University, Xi'an China.
2005 - 2012	Member, Advisory Committee of Genetics Pathology in the Royal College of Pathologists of Australasia (RCPA)
2005 - 2010	Panel Coordinator of teaching panel in medical curriculum: Mechanisms of Disease and Therapeutic Approaches
2006	Overseas Examiner of Genetics Pathology for the Royal College of Pathologists of Australasia (RCPA)

ROLES AND PARTICIPATION IN UNITED COLLEGE

	Participation in College Activities		
2022	Member of the College Fellow Nomination Committee		
Since July 2020			
2019-2020	College Representative in the University Senate		
Since 2017	College Board of Trustees, Member representative of the Assembly		
2015-2016	Mentor of the United College Shum Choi Sang Mentorship Programme		
Since 2014	Member, United College Cabinet		
Since 2014	Chairperson, College Life Committee		
2014-2016	United College Representative in Faculty Board		
2014	Tutor of the United College Dr Thomas Cheung Tutorial Scheme - Personalized Tutorial (Preparation on job seeking - Resarch Counselling 求職準備 - 研究輔導)		
2012 - 2013	Mentor of the United College Shum Choi Sang Mentorship Programme		
Since 2013	Member, Assembly of Fellows		
Since 2006	Member, United College Committee of Alumni Affairs and Development		
	Also in other ad hoc activities and committees.		

	Hosting visits of distinguished scholars to United College or CUHK	
UC DVS*	Prof. R Chen 陳潤生院士 (中國科學院)	
UC DVS*	Prof. Paul Pharoah (University of Cambridge)	
UC DVS*	Prof. YT Chen 陳垣崇院士 (中央研究院)	
Wei Lun Scholar	Prof. Jenefer Blackwell (University of Cambridge)	
UC DVS*	Prof. YP Zhang 張亞平院士 (中國科學院)	
	Prof. Douglas Easton (University of Cambridge)	

UC DVS* Also as nominator of these scholars as Distinguished Visiting Scholar of United College

ACADEMIC SCHOLARSHIP

- My medical research has contributed to over 300 full publications.
- Total number of citations of my papers is over 11,000 times.
- received over \$10 million of research grant.
- ✤ H-index : 54 (Scopus), 67 (Google Scholar)



In the area of my expertise, research in "Complex Traits", citation of my paper ranked among the top 10 authors as reported in the google scholar.

TWELVE SELECTED PUBLICATIONS AMONG OVER 300 FULL PAPERS

- Tang NLS, Dobbs MB, Gurnett CA, Qiu Y, Lam TP, Cheng JCY, Hadley-Miller N. A Decade in Review after Idiopathic Scoliosis Was First Called a Complex Trait-A Tribute to the Late Dr. Yves Cotrel for His Support in Studies of Etiology of Scoliosis. Genes (Basel). 2021 Jul 1;12(7):1033. doi: 10.3390/genes12071033. (Impact factor = 3.7)
- Tang, N. L. S., & Hui, J. (2020). 20 Years After Discovery of the Causative Gene of Primary Carnitine Deficiency, How Much More Have We Known About the Disease? *HKJ Paediatr (new series)*, 25:23-29.
- Ji L, Wu D, Xie H, Yao B, Chen Y, Irwin DM, Huang D, Xu J, Tang NLS, Zhang Y. Ambient Temperature is A Strong Selective Factor Influencing Human Development and Immunity. Genomics Proteomics Bioinformatics. 2020 Oct;18(5):489-500. doi: 10.1016/j.gpb.2019.11.009. **(Impact factor = 7.7)**
- Styrkarsdottir, U., Stefansson, O. A., Gunnarsdottir, K., et al. (2019). GWAS of bone size yields twelve loci that also affect height, BMD, osteoarthritis or fractures. *Nature*

Communications, 10(1), 2054. <u>https://doi.org/10.1038/s41467-019-09860-0</u> (Impact factor = 14.9)

- Styrkarsdottir, U., Helgason, H., Sigurdsson, A., et al. (2017). Whole-genome sequencing identifies rare genotypes in COMP and CHADL associated with high risk of hip osteoarthritis. *Nature Genetics*, 49(5), 801–805. <u>https://doi.org/10.1038/ng.3816</u> (Impact factor = 33.3)
- Styrkarsdottir, U., Thorleifsson, G., Gudjonsson, S. A., et al. (2016). Sequence variants in the PTCH1 gene associate with spine bone mineral density and osteoporotic fractures. *Nature Communications*, 7, 10129. **(Impact factor = 14.9)**
- Zhu, Z., Tang, N. L.-S., Xu, L., et al. (2015). Genome-wide association study identifies new susceptibility loci for adolescent idiopathic scoliosis in Chinese girls. *Nature Communications*, 6, 8355. <u>https://doi.org/10.1038/ncomms9355</u> (Impact factor = 14.9)
- Estrada, K., Styrkarsdottir, U., Evangelou, E., et al. (2012). Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. *Nature Genetics*, 44(5), 491–501. **(Impact factor = 33.3)**
- Wan, X., Yang, C., Yang, Q., Xue, H., Fan, X., Tang, N. L. S., & Yu, W. (2010). BOOST: A fast approach to detecting gene-gene interactions in genome-wide case-control studies. *American Journal of Human Genetics*, 87(3), 325–340. (Impact factor = 10.5)
- Khor, C. C., Vannberg, F. O., Chapman, S. J., et al. (2010). CISH and susceptibility to infectious diseases. *The New England Journal of Medicine*, 362(22), 2092–2101. <u>https://doi.org/10.1056/NEJM0a0905606</u> (Impact factor = 91.4)
- Woo, J., Tang, N., Suen, E., Leung, J., & Wong, M. (2009). Green space, psychological restoration, and telomere length. *Lancet (London, England)*, 373(9660), 299–300. <u>https://doi.org/10.1016/S0140-6736(09)60094-5</u> (Impact factor = 79.3)
- Tang, N. L.-S., Chan, P. K.-S., Hui, D. S.-C., To, K.-F., Zhang, W., Chan, F. K. L., Sung, J. J.-Y., & Lo, Y. M. D. (2007). Lack of support for an association between CLEC4M homozygosity and protection against SARS coronavirus infection. *Nature Genetics*, 39(6), 691–692. <u>https://doi.org/10.1038/ng0607-691</u> (Impact factor = 33.3)

<u>Please see my full publication list in a separate section.</u>

(RESEARCH THEME I) STUDIES OF INHERITED METABOLIC DISEASES (RARE DISEASES IN CHILDREN)

We established the <u>FIRST</u> metabolic clinic in Hong Kong in collaboration with colleagues in Department of Paediatrics. The pioneered clinical services and research for this group of genetic diseases has been supported by a grant from **S.K. Yee Medical Foundation**.

Research in our team led to the discovery of the disease gene causing Primary Carnitine Deficiency (*Tang et al 1999* and *Tang et al 2002*). In 2002, The University recognized our work as an Outstanding Research (*Annual Report CUHK*, 2001/02). Consultations and specimens are received from both local and overseas clinics for genetic diagnosis (including USA, Australia, China, Macau and Taiwan).

The Joint Metabolic Clinic and laboratory is responsible for the laboratory investigations of patients with various IMDs in the New Territories East cluster of Hospitals. The clinic and laboratory supported diagnosis and management of many different kind of IMDs in Hong Kong and our cases registry revealed the spectrum of diseases found in local Chinese. The laboratory is also the referral laboratory for definitive diagnosis of various defects in the fatty acid oxidation pathways. This laboratory also appears in international laboratory directory (listing in the *GeneTests directory* of USA). After establishment of the Hong Kong Children Hospital, most of our patients are now receiving treatment in the Children Hospital.

In 2012, Prof. Y.T. Chen (陳垣崇院士) who is an expert in this area, visited CUHK as the Distinguished Visiting Scholar of United College.



那天是星期

- 我團隊的研究全球首次發現*卡尼丁缺 乏症*的基因,當年作為中文大學
 Outstanding research.
- 為大中華地區(華南,北京,台灣等地區) 病人作診斷
- 我把這個病命名為*卡尼丁缺乏症*,現
 在已經是標準用詞。
- 常應邀出席不同地區的學術會議。
- ·發現*卡尼丁缺乏症*基因的過程, RTHK 拍攝為劇集:

■生命激流 (2002), 醫生與你:代謝病 (2018)

- 在霍泰輝教授帶領下,成立首間遺傳
 代謝病專科診所,專門照料這些病人。
- 最近,政府為所有出生嬰兒篩檢這個病



(RESEARCH THEME II) COMPLEX TRAITS

I am the Principal Investigator of the Laboratory of Genetics of Disease Susceptibility (GDS) in the newly founded Li Ka Shing Institute of Health Sciences. The mission of the GDS laboratory is to identify disease predisposition genes for common diseases in the locality. Predisposition to many common diseases (for example Diabetes, Scoliosis, Alzheimer disease, breast cancer and asthma) are due to alleles in multiple genes in addition to environmental risk factors. This rapidly evolving field of genetic research requires new research methods (for example Genome-wide association study), new statistical skills and international multi-center consortium approaches. We are part of international consortiums in studies of healthy aging (including bone and other phentoypes), Scoliosis, breast cancer, and genetic susceptibility to tuberculosis.

In addition, I also co-directed (together with Prof. Pak Sham of University of Hong Kong) the *Advanced Study Institute* funded by *The Croucher Foundation* to enhance local research and develop local talents in the field of "Genetic Statistics" which is an essential discipline in the post-genomic era.

I have been regularly invited to join the Annual Conference of Scoliosis research organized by the Cotrel Foundation of the Institut de France. The photos were taken when I received a research grant award from Prof. Gabriel de Broglie, the chancellor of the Institut de France and a group photo of the large research team. The Institut de France is the top academic institute in France established since 1795.

學術水平

- •之後,在李嘉誠醫學研究所,主理 多基因疾病的研究。
- •共發表論文300多。
- •在多基因疾病領域 (complex trait), 論 文引用率為最高的十個作者之一。
 - Ranked by Google Scholar
- 脊柱側彎的基因研究獲得法國研究
 院 (INSTITUT DE FRANCE) 的項目 撥款,帶領遺傳基因確定和治療的新 方案。

2.1.212	PUBLICATIONS	TOTAL TIMES CITED	H-INDEX
https://publons.com	329	11,151	46®
/researcher/204798	VERIFIED REVIEWS	VERIFIED EDITOR R	ECORDS
2/nelson-l-tang/	73	5	



OTHER PROFESSIONAL ACTIVITIES:

Reviewer of Grants / Academic Appointment: (including) 面上項目和青年研究基金, National Science Foundation of China (NSFC), China "千人计划"顶尖人才与创新团队项目通讯评审, NSFC, China External reviewer of Personnel appointment, Academia Sinica 中央研究院, Taiwan General Research Fund (Research Grants Council), Hong Kong Health and Medical Research Fund and Member of the Grant Review Board, Hong Kong Multi-Year Research Grant (MYRG) awarded by Research and Development Administration Office of the University of Macau, Macau Breast Cancer Campaign Research Grant, United Kingdom The Medical Research Council (MRC), United Kingdom National Medical Research Council of Singapore, Singapore National Health Laboratory Service Research Trust (NHLSRT) Grants of South Africa The National Science Center of Poland

Editorial Board of Journals

Pathology Frontiers in Genetic Disorders Frontiers in Pediatrics Genes Dataset Papers in Medicine: Genetics (2012-10 to 2014-10) The Scientific World Journal (Genetics) (2013-07 to 2015-06) Journal of Pediatric Biochemistry (2014-06 to 2018)

Reviewer of manuscripts for the following journals

New England Journal of Medicine, Human Molecular Genetics, Human Mutation, Genomics, Human Genetics, Clinical Chemistry, Clinical Endocrinology, Clinical Biochemistry, Clinical Biochemistry and Laboratory Medicine, Cancer Letters Frontiers in Genetic Disorders

And ad hoc reviewer for the following journals Asia-Pacific Psychiatry The American Journal on Addictions Biological Psychiatry BMC Biotechnology BMC Medical Genetics

British Journal of Obstetrics and Gynaecology **Cancer Genetics Chinese Science Bulletin** Clin Chim Acta Cytokine **European Journal of Medical Genetics** Experimental and Clinical Endocrinology & Diabetes **Future Medicine** Gene Genetic Epidemiology Genomics Hong Kong Medical Journal Human Genetics Infection Genetics and Evolution Journal of Biomolecular Structure & Dynamics Molecular Biology Reports Nanoscience and Nanotechnology Nephrology Nutrition and Food Science Pathology PLOS ONE Respirology review a chapter of the forthcoming textbook Clinical Chemistry SCIENCE CHINA: Life Sciences Scientific Reports Systematic Reviews

PATENTS

Determination of gene expression levels of a cell type , US9589099B2 Leung Sang Nelson Tang The Chinese University Of Hong Kong <u>https://patents.google.com/patent/US9589099</u>

CN103764848B

Method to quantify telomere length and genomic motifs US20210010069A1 Leung Sang Nelson Tang The Chinese University Of Hong Kong <u>https://patents.google.com/patent/US20210010069A1/en</u>

CN112029841A

Research Grants and reviewer of grant proposals

External Grants (<u>PI</u> are shown in Bold and underlined)

	Nature of Grants and Year	Investigators	Project Titles	Amount of Grants (HK\$) and Sources
1.	External as Co-PI	<u>Kwok Anne</u> <u>Tang NL</u>	Paediatric biomonitoring reference values for metals and trace elements in urine : A survey of Hong Kong Children	HMRF HKCH research theme HKD 1,009,167
2.	External as Co-I 2020	<u>Li GH</u> Tang NL et al	Investigating the key factors regulating healthy ageing in Chinese longevity family cohorts.	Ministry of Science and Technology (MOST) National Key Research Project HKD 876,000
3.	Internal as Co-I 2019	<u>Lui CY</u> Tang NL et al	Prediction of clinical outcomes by determining the kinetics of serum proadrenoamedullin, procalcitonin and CRP in adult patients with bloodstream infections	CUHK Direct grant HKD 149,775
4.	External as Co-I 2017	<u>Cheng CY Jack</u> <u>QIU Y</u> Tang NL et al	Expression and functional characterization of LBX1 in AIS Scoliosis	NSFC / RGC joint research HKD 1,045,271
5.	Internal as PI 2016	<u>Tang NL</u> et al	University Direct Grant: Scheme to encourage high impact publications (Nature Communication publication on Scoliosis Genetics)	CUHK HKD 50,000
6.	External as PI 2015	Tang NL et al	Genetic studies of Tuberculosis: in-depth study of recently GWAS identified loci in Chinese Patients	HMRF (HK Govt) HKD 987,414
7.	External as Co-I 2014	<u>Ma Ronald</u>	An integrated trans-omics approach to Diabetic Cardiorenal Complications	RGC/ Theme based research HKD 47,000,000.

	Nature of Grants and Year	Investigators	Project Titles	Amount of Grants (HK\$) and Sources
8.	External as Co-I 2014	<u>Ko WH</u> Tang NL et al	Anti-inflammatory action of carbon monoxide via interaction with purinergic receptor medicated cell signaling pathways in human bronchial epithelia	General Research Fund HKD 848,712
9.	External as Co-I 2013	<u>Ma SL</u> Tang NL et al	Association between P450 related gene polymorphisms and clinical response to cholinesterase inhibitors in Chinese living with Alzheimer disease	HMRF (HK Govt) HKD 859,288
10	External as PI 2012	<u>Tang NL (PI)</u> Waye M	亚洲人群的新基因和剪接外显子的发现 – 通过分析和验证HapMap 其他人群的转录组测序(RNASeq)数据, Analysis and validation of novel exons in Chinese population using existing RNAseq data	National Natural Science Foundation of China (RMB 600,000)
11	External as Co-I 2010	Lee Albert (PI) Tang NL Wing YK	Family Studies in Children with Obstructive Sleep Apnoea	General Research Fund HKD 887,400.00
12	External as Co-I 2010	Ho S (PI) Tang NL	A Double-blind Randomized Controlled Trial on Whole Soy and Daidzein Supplementation on Reduction of Blood Pressure in Prehypertensive Postmenopausal Chinese Women	General Research Fund HKD 1,326,513.00
13	External as PI 2009	Tang NLS (Co-PI) Winnie Yeo	Effect of genetic polymorphisms and gene expression in chemotherapy-related toxicities in Chinese breast cancer patients	GlaxoSmithKline Oncology International Ethnic Research Initiative (GSK ERI). The budget is HK\$1.8 million.
14	External as Co-I 2009	Yeung HY(PI) Tang NL Cheng JC	Are there Differences in Phenotypic Expressions and Curve Progression between Familial and Sporadic Adolescent Idiopathic Scoliosis? - A Study to Unveil the Possible Differences in Their Etiopathogenesis	Research Grants Council - General Research Fund HKD 881,305.00

	Nature of Grants and Year	Investigators	Project Titles	Amount of Grants (HK\$) and Sources
15	External as PI 2008	<u>Tang NLS</u> Easton DF Tsai PS Yu WC Lai BS	Genome Wide Association Study to identify susceptibility genes for Hepatocellular Carcinoma	Sir Michael and Lady Kadoorie Funded Research Into Cancer Genetics HK\$2,801,292.
16	External as Co-I 2008	Leung TF <u>Tang NLS</u> Hon KL Ng CY Lam WK Wong WK	Genome-wide association study for childhood atopic dermatitis	Research Grants Council General Research Fund HK\$ 2,340,642
17	External as Co-I 2007	Ho Chan SS Woo J <u>Tang NLS</u> Goggins W Lam WK Ahuja AT	A three-year followup study of progression of common carotid atherosclerosis and the associated risk factors in a population- based cohort of postmenopausal Chinese women	RGC Competitive Earmarked Research Grant HK\$780,000.
18	External as PI <u>2006</u>	Tang NLS Cheng JCY Miller Nancy (co-PI)	An international effort to fine map the idiopathic scoliosis gene in a critical region on chromosome 9q31-q34.	Institute de France (Foundation of Cotrel) US\$174,000.
19	External as PI <u>2006</u>	<u>Tang NLS (PI)</u> Suzanne Ho K. F. To Winnie Yeo Winnie C.W. Chu Jean Woo	Study of IGF1 promoter sequence variations: the link between transcriptional regulation and intermediate phenotypes	RGC Competitive Earmarked Research Grant (HK\$654,500)

	Nature of Grants and Year	Investigators	Project Titles	Amount of Grants (HK\$) and Sources
20	External as PI <u>2006</u>	<u>Tang NLS (PI)</u> Winnie Yeo	The association of pharmacogenetics and chemotherapy induced toxicity in breast cancer patients receiving chemotherapy.	A grant from Hong Kong Anti-cancer Society (HK\$100,000)
21	External as Co-I <u>2006</u>	Pak C.Sham (PI) Michael Ng <u>Tang Nelson</u> Shaun Purcell	Optimal Design of Genome-Wide Association Studies for Multifactorial Diseases	RGC Competitive Earmarked Research Grant (HK\$532,500)
22	External as PI 2005	<u>Tang NLS (PI)</u> Lai BS Chan LY Chan KL	Molecular epidemiology of steroid 5a-reductase and other androgen metabolic genes in hepatocellular carcinoma among Chinese male patients.	RGC Competitive Earmarked Research Grant (HK\$955,914)
23	External as PI 2005	Tang NLS (PI) Chan CY Leung CC Tam CM Blackwell J	Genetic studies of tuberculosis.	RFCID HK Govt. (HK\$786,420)
24	External as Co-Director 2005	<u>Co-Directors :</u> Sham Pak <u>Tang NLS</u> <u>Members :</u> Stadlin, Alfreda Xue, Hannah Wong, Man-Yu Yip, SP Ng, MKP Mak, W	Croucher Foundation Advanced Study Institute- Statistical Genetics: From Haplotype Maps to Disease Susceptibility Genes	The Croucher Foundation (HK\$498,000)

	Nature of Grants and Year	Investigators	Project Titles	Amount of Grants (HK\$) and Sources
25	External as Co-I 2004	Tang NLS under Center of Emerging Infectious Diseases, CUHK	Immunogenetic study in SARS	a grant supported by the <i>Centre of Emerging</i> <i>Infectious Diseases</i> of the University and the <i>Health</i> , <i>Welfare and Food Bureau</i> of the Hong Kong SAR Government.
26	<i>External</i> <i>As Co-I</i> 2004	Cheng JCK (PI) <u>Tang NLS</u> Guo X Lee SKM	Are VDR, ESR1 & PTHR1 genes associated with the occurrence as well as abnormality in bone growth and sexual maturation in adolescent idiopathic scoliosis?	external research grant from the Scoliosis Research Society (USA) (US\$ 70,800)
27	<i>External</i> <i>As Co-I</i> 2004	Ho Susanne (PI) Woo Jean Chu Winnie Yeo Winnie <u>Tang Nelson</u> Lau TFJ	Adolescent and Adult Soy Intake and Breast Cancer Risk in Chinese Premenopausal Women. (#2003/81)	World Cancer Research Fund International grant (£149,772)
28	External As Co-I 2004	Cheng JCK (PI) <u>Tang NLS</u> Guo X Lee SKM	Identification of Prognostic Disease Modifier Genes in Adolescent Idiopathic Scoliosis – A Six-year Longitudinal Follow-up Study CUHK4337/04M	RGC Competitive Earmarked Research Grant (HK\$939,968)
29	External As PI 2003	Tang NLS (PI) Wong CK Chan KS Hui SC To KF Lam CWK	To develop a clinical prognostic profile for severe disease course in SARS with serum cytokines measurements and genomic markers – a retrospective case control study	\$362,000 Research Grant Council Special SARS Earmarked Research Grant

	Nature of Grants and Year	Investigators	Project Titles	Amount of Grants (HK\$) and Sources
30	External As PI 2002	<u>Tang NLS (PI)</u> Hui J Cheung KL Lam WK Fok TF	Establish a diagnostic laboratory for inherited metabolic diseases in Hong Kong	\$480,840 S. K. Yee Medical Foundation
31	External As PI 2001/2002	Tang NLS (PI) Chow CC Yao XQ Cockram CS	Is thyrotoxic periodic paralysis resulted from a calcium ion channelopathy?	\$699,600 Research Grant Council Earmarked Research Grant
32	<i>External</i> <i>As Co-I</i> 2000/2001	Lam Chiu Wa (PI) CHIU Helen <u>Tang NLS</u> GARCIA BARCELO Maria Mercedes	A study of the neurobiological correlates of behavioural and psychological symptoms in Alzheimer's Disease	\$650,000 Research Grant Council Earmarked Research Grant
33	External As Co-I	Lee TS (PI), Lau TS, Lee A, <u>Tang NLS</u>	A study on factors affecting drug abuse trends in Hong Kong	\$478,569 Action Committee against Narcotics.
34	External As Co-I	Tomlinson B, (PI) <u>Tang NLS</u> , Chan M.	An open-label study to evaluate the efficacy and safety of 80 mg simvastatin in patients with hyperlipidemia.	\$150,000 Merck Sharp & Dohme (Asia) Ltd.

(A) Internal Grants

More than ten other internal grants are not listed.

SUPERVISOR OF POSTGRADUATE AND RESEARCH STUDENTS

Master degree (research degree MPhil or research project in MSC)		
XIAO Gang		
CHAN Chi Kung		
CHUNG Mei Lan		
SUNG Y.M. Mandy		
MA Suk Ling		
HO Ada		
Eddie Suen		
Jane Jiang		
Wang, Xingyan		
Zhang Xiaomeng		
Yeung HM		

Master degree (research degree MPhil or research project in MSc)

Doctorate degree (PhD)

PhD (Chemical Pathology)	CHAN Hui Shuen
PhD (Medical Sciences)	MA Suk Ling
PhD (Chemical Pathology)	HUANG Wei
PhD (Chemical Pathology)	LAW Lap Kei
PhD (Medical Sciences)	LAU Edmond
PhD (Medical Sciences)	Martin Li
PhD (Medical Sciences)	Fu Yan
PhD (Chemical Pathology)	Chen Yu
PhD (Chemical Pathology)	Huang Dan
PhD (Chemical Pathology)	Zhang Jinglin
PhD (Chemical Pathology)	Hu, Fuyan
PhD (Chemical Pathology)	Wu Junyi
PhD (Chemical Pathology)*	Huang Baozhen

*Current PhD candidate

Served as External Examiner of Postgraduate Students

Seried	for you us Enternar Entainmer of rostgradaute Stadents		
Year	Programs	Universities	
2006	PhD in Biochemistry	University of Science and Technology	
2007	PhD in Biochemistry	University of Hong Kong	
2010	PhD in Biochemistry	University of Hong Kong	
2010	PhD in Psychiatry	University of Hong Kong	
2012	PhD in Psychiatry	University of Hong Kong	
2013	PhD in Psychiatry	University of Hong Kong	
2015	PhD in Psychiatry	University of Hong Kong	
2018	PhD in Department of Paediatrics	University of Hong Kong	
	and Adolescent Medicine		
2020	PhD in Psychiatry	University of Hong Kong	

Details of examining other CUHK Phd students are not listed.

INVITED LECTURES ON SEMINARS AND CONFERENCES

1997	Invited speaker of Society for the Study of Endocrinology, Metabolism and Reproduction
1998	4th Congress of Parenteral and Enteral Nutrition Society of Asia
1999	
	Invited speaker of Education Symposium on Inborn Errors of Metabolism. (17- 19 Sept, 99), organised by Hong Kong College of Pathologists and Hong Kong Society of Clinical Chemistry
	Invited speaker of The Hong Kong Society of Pediatric Endocrinology and Metabolism
	Invited speaker of The Hong Kong Society of Child Neurology and Developmental Paediatrics.
	The 6th Annual Meeting of Asian European Workshop on Inborn Error of Metabolism
2000	
	Invited speaker of Hong Kong Medical Technology Association
	Invited to give 2 lectures in Chinese Congress of Clinical Chemistry and Laboratory Medicine, 2000. Organized by the Chinese Society of Clinical Chemistry and the Hong Kong Society of Clinical Chemistry
	Lectures in 中港生化新技术研討会, Nov 2000, Beijing 301 Hospital, China.
2001	
	International Joint Congress of the Hong Kong College of Pathologists and Royal College of Pathologists of Australasia, organised by Royal College of Pathologists of Australasia and Hong Kong College of Pathologists
2004	
	Seminar in Strangeways Research Laboratory of University of Cambridge , UK . "Statistical issues in genetic association study"
8-10 April	The Third Hong Kong Medical Genetics Conference – invited lecture on genetic study of common diseases.
18-21 April	HUGO's 10th Human Genome Meeting – Workshop talk on a methodology in genetic study of common diseases.
15-17 June	Fourth Symposium of Pulmonary Pathology Society – Symposium lecture on a topic of immune response to SARS infection and biomarkers
26-Sep	Academic visit and lecture to The Affiliated Drum Town Hospital of Nanjing University Medical School
8-Oct	Update Series on Child Health 2005, co-organized by The Hong Kong Paediatric Society and The Hong Kong College of Paediatrics – invited lecture on Inherited Metabolic Diseases in Chinese.
2005	

20-24 Oct	Annual Meeting of the International Society for Interferon and Cytokine Research – Symposium talk on immunogenetics of SARS infection.
2006	
1 Dec	Seminar talk on "Genetics of Alzheimer disease and neurodegeneration" In Beth Israel Deaconess Medical Center, <i>Harvard Medical School</i>
14 Oct	Invited Speaker, Sixth Perinatal Symposium 2006, organized by The HK Society of neonatal medicine. " <u>Expanding Newborn Screening in Hong</u> <u>Kong</u> "
12 Aug	Press briefing of metabolic disease in Taipei, invited by Taiwan Foundation of Rare Diseases (台灣 罕見疾病基金會).
11 Aug	Speaker in Seminar on "Common Metabolic Diseases in Chinese" in Department of Pediatrics, <i>National Taiwan University College of</i> <i>Medicine</i> , <i>Taipei</i> .
1-4 Aug	Invited speaker of International Congress of Globe Chinese Geneticists 2006 in Beijing, organized by <i>Peking University</i> . (2 lectures: one on inherited metabolic diseases and the other on genetics of common diseases)
29-30 May	Speaker and Visiting Scientist hosted by Prof. H Zhao of Department of Epidemiology and Public Health, <i>Yale University School of Medicine</i> , <i>USA</i> (a lecture related to Genetics of Common Diseases)
3-6 April	Invited lecturer on a National continuing medical education conference: "Inherited metabolic diseases: Advances in Basic research and clinical treatment", <i>Jinan University</i> , Guangzhou.
2007	
	Committee member of Central Committee on Clinical Genetics, Headquarter, Hospital Authority, Hong Kong
Nov	Annual meeting of <i>The Hong Kong Society of Child Neurology and</i> <i>Developmental Pediatrics</i> . "Laboratory support on Metabolic Diseases"
15-17 Nov	Section Chairman and Invited Speaker in 6th Annual Meeting of the Asian Society of Inherited Metabolic Disease (ASIMD) and the 49th Annual Meeting of the Japanese Society for Inherited Metabolic Disease (JSIMD), <u>Japan</u>
2 June	Invited Speaker: International symposium of Glutaric aciduria type 1, organized by National Taiwan University Medical College, Taipei
2008	
8-11 June	(keynote lecture) in Association of Chinese Geneticists in America – Hong Kong Society of Medical Genetics Joint Conference:
	Primary Carnitine deficiency in Chinese.
	Organizing committee of International Genetics Conference jointly organized by the Association of Chinese Geneticists in America and the Hong Kong Society of Medical Genetics

13 July	Concurrent symposia: "Multiple polymorphisms in the chemokine ligands loci of 17q11.2 and pulmonary tuberculosis in a cohort of 1000 Chinese patients". The 20th International Congress of Genetics in Berlin.
29 Dec	Invited talk in Departments of Genetics and Pediatrics, Yang-Ming University (Veterans General Hospital) , Taipei.
	"Fatty acid oxidation defects: diagnosis and treatment"
Dec	Seminar talk <i>"Human Genetics at the crossroads: single gene or complex traits"</i> in Division of Molecular and Genomic Medicine, <i>National Health Research Institutes, Taiwan</i> .
2009	
Nov	Invited Symposium Talk: "A systemic survey of mutations in 50 Chinese Gaucher patients" in The 51st Annual Meeting of the JSIMD and the 8th Annual Symposium of the ASIMD organized by Asian Society for Inherited Metabolic Diseases & Japanese Society for Inherited Metabolic Disease
Nov	Symposium Talk: "Pharmacogenetic Approach for Breast Cancer Treatment" in The 14th Annual Scientific Symposium of the Hong Kong Cancer Institute: "Breast Cancer Conference 2009" organized by Dept. of Clinical Oncology in conjection with the State Key Laboratory in Oncology in South China, CUHK
2010	
Jan 9	Panel member, Workshop on Expanded Newborn Screening Program for Inborn Errors of Metabolism in Hong Kong organized by Hong Kong Society of Inborn Errors of Metabolism.
March	Organizing committee of Asian Congress of Inherited Metabolic Diseases
March	Lecture on "Population genetics of gene expression: application of linear mixed model" in ACM-HK Bioinformatics Symposium, organized by HK University of Science and Technology.
May 2-5	Symposium Talk "Population Genetics of Gene expression and disease in Chinese"
	Section chairman in International Conference on Genetic and Genomic Medicine, Academia Sinica, Taipei.
May 29	Chair of Session E: Genetics and Dementia for Alzheimer's Disease Conference: From Public Health to Therapeutic Insights organized by HKU Alzheimer's Disease Research Network
October	Programme Committee Member, The 3rd International Conference on BioMedical Engineering and Informatics (BMEI'10) organized by Yantai University
December	Organizing committee of 9th Asia- Pacific Conference on Human Genetics, Hong Kong
	Symposium talk: "Genome-wide genotypes provide new insights into population genetics and disease susceptibility"
2011	
May	Talk: "Thoughts on SNP interaction" in Genomic SRT seminar organized by Genome Research Centre, University of Hong Kong

July	Talk: "Genome wide association study" in <i>Cancer 2011</i> meeting organized by CUHK
2012	
July	Statistical property of transcription (gene expression) in eukaryotic cells: insight from RNA-seq data in 2012 年中国工程概率统计学会代表大会暨学术 年会 - 中国四川省成都市 organized by 中国工程概率统计学会
August	Statistical distribution of transcription (gene expression) in eukaryotic cells: insight from RNA-seq data in The 6th IEEE International Conference on Systems Biology (ISB 2012) in Xi'an, China organized by Chinese Academy of Sciences and Xidian University
September	Review of Statistical issues in three genomic eras in The Key Laboratory of Systems Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences in Shanghai
October	Session moderator, International Scoliosis Genetics Interest Group organized by The British Scoliosis Research Foundation (BSRF)
December	Organizing committee member, Frontiers in Biomedical Research, HKU2012 organized by Li Ka Shing Faculty of Medicine, The University of Hong Kong
2013	
January	Invited talk on Inborn Errors of Metabolism in
	Clinical Genetics Symposium organized by the Hong Kong Society of IEM
January	Inter-individual variation in expression of splicing variants: studies of microarray and RNA-seq data in 国家自然科学基金委员会重大研究计划"微进化过程的多基因作用机制"项目年度交流暨学术研讨会 organized by 国家自然科学基金委员会 (2013-01)
January	A Journey of Genetic Study of AIS in 香港中文大學-南京大學脊柱側彎聯合研究中心第九届会議 organized by 香港中文大學-南京大學脊柱側彎聯合研究中心
May	中山大学公共卫生学院"教授论坛"第四十八讲
	题 目: Statistical issues in the recent genomic eras 借助统计学分析技术应对基因 组时代的挑战
2014	
January	Genetics of scoliosis in 香港中文大學與南京大學脊柱側彎聯合研究中心第十届 会议 organized by Joint Scoliosis Research Center of the Chinese University of Hong Kong and Nanjing University
June	Member of scientific program committee (Topic: Genetics and Etiology), The 10th Meeting of the International Research Society of Spinal Deformities (IRSSD 2014) in Sapporo, Japan organized by International Research Society of Spinal Deformities
August	肉碱代謝障碍的診斷與治療 in The Second Forum of International Translational Genetic Medicine in Beijing "第二届首都(国际)遺傳性疾病臨床 轉化医学論坛" organized by Peking University First Hospital

November	What kind of research can be done in post-GWAS era? in 宁波大学首届医学 遗传学论坛暨复杂疾病研究研讨会 organized by 宁波大学
November	Chair of Session 1-1: Single-cell Analysis, The 9th International Forum on Post-Genome Technologies organized by Nanjing University
December	Chair of Session (CT007) Theme: DNA, RNA, Gene, Microarray and Biomarker Data I, The Ninth ICSA International Conference: Challenges of Statistical Methods for Interdisciplinary Research and Big Data in Hong Kong organized by International Chinese Statistical Association
2015	
April	Programme Committee Member, The 4th Asian Congress for Inherited Metabolic Disease in Taipei, Taiwan organized by Taiwan Human Genetics Society
June	Regulation of IGF1 Expression: Complex Interaction among SNPs, Microsatellites and Transcriptional Factors in The 15th SCBA International Symposium in Taipei, Taiwan organized by Society of Chinese Bioscientists in America (SCBA)
July	Genetic studies for aging related phenotypes in Healthy Ageing - Facilitating research through international partnership organized by Aston University
October	Acne genetics in Hong Kong Dermatology Symposium 2015 organized by Jointly organised by Hong Kong Dermatology Foundatation, CUHK, HKPADS and HKU
	And Programme Committee Member
October	Selection of mixed linear modeling for analysis of technical and biological variations in RNA-seq data in The Six National Conference on Bioinformatics and Systems Biology and International Workshop on Advance Bioinformatics 2014 in Nanjing, China organized by South East University
November	From gene to function: how genetic variations affect phenotype in 第二屆寧波 大學醫學遺傳學論壇暨後基因組時代的轉化醫學研討會 organized by School of Medicine, Ningbo University
2016	
April	Seminar Talk "香港和澳大利亞皇家病理學院的情況" in 医学检验专业住院医师规范化培训模式研讨会 organized by 中国医师协会检验医师分会, China
June	Co-Chairperson of Session II (Technology frontiers), SBS Research Day 2016 organized by School of Biomedical Sciences, CUHK
November	Conference Talk: New Insights into Old Diseases: Carnitine-acylcarnitine Translocase Defect and Wilson Disease in The 14th Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress 2016 (APFCB 2016) organized by Chinese Association for Clinical Biochemistry (CACB), Asian- Pacific Federation for Clinical Biochemistry and laboratory Medicine (APFCB) and International Federation of Clinical Chemistry and Laboratory Medicine (IFCC), held in Taiwan
2017	

April	Dry and Wet Mining of the Genome in Large Cohorts: Opportunities and Challenges in Learning Health Systems: International Collaboration Projects on Precision Medicine organized by Health Research Institutes, Taiwan
May	Conference Paper Reviewer , Union World Conference on Lung Health 2017
September	Seminar Talk: Genetic causes of developmental defects causing scoliosis at University of Portsmouth, United Kingdom
2018	
January	Seminar Talk: Genetics of Scoliosis and animal models in FHS Seminar Series organized by Faculty of Health Sciences, University of Macau, Macau
May	Seminar Talk: Characterization of Alternative Splicing of HLA-DMB Gene In Tumour RNA-seq and its Role as Prognostic Biomarker in 3rd Annual Advances in Immuno-Oncology Congress organized by Oxford Global, United Kingdom
May	Session Chairman for Genome Wide Association Studies of Diabetic Complications, Gordon Research Conference in Epigenomics of Diabetes and Other Metabolic Diseases organized by Gordon Research Conferences , Hong Kong
August	Program Committee Member, The 5th Asian Congress of Inherited Metaboic Diseases and The 17th National Conference on Pediatric Endocrine and Genetic Metabolic Diseases organized by Asian Society of Inherited Metabolic Diseases, held in China
2019	
October	Symposium Scientific Committee Member, Breast Cancer Conference 2019 organized by Hong Kong Cancer Institute & Department of Clinical Oncology in conjunction with State Key Laboratory of Translational Oncology, CUHK
2020	
December	Seminar Talk: 卡尼丁缺乏症-發表致病基因 20 年回顧 in 第二屆中國新生兒疾病分子篩查高峰論壇 organized by 全國新生兒遺傳代謝病篩查學組
2021	
October	Seminar Talk: Single Cell-type expression of B lymphocytes by Direct LS-TA method in peripheral blood in Immuno UK Conference.

AWARDS AND PRIZE

2003	Sir Robert Black Trust Fund Scholarship for a sabbatical to Strangeways Research Laboratory, University of Cambridge
2005	Conference poster Award for paper presented in The 12th International Congress Psychogeriatric Association
2005	Conference poster Award for paper presented in The Joint Meeting of 27th Japanese Society of Biological Psychiatry
2009	First runner up of the Pfizer Best Poster Award awarded by The 14th Annual Scientific Symposium of the Hong Kong Cancer Institute "Breast Cancer Conference"
2007	Genetic exploration leads to Novel therapies in inflammation, Kiel
2007	International Conference in inherited metabolic diseases, Taipei
2009	The 7th International Life Surveyor Symposium at Central Research Laboratory, Hitachi Ltd., Tokyo, Japan (jointly organized by Tokyo University of Agriculture and Technology and Hitachi Ltd)
2009	First runner up of the Pfizer Best Poster Award awarded by The 14th Annual Scientific Symposium of the Hong Kong Cancer Institute "Breast Cancer Conference"
2010	Poster Award. #58. Predisposition of SRD5A1 Gene to Hepatocellular Carcinoma in Male Chinese Hepatitis B Carriers. Chen Di Liao, Jieying Jiang, Xingyan Wang, Yuqing Qiu, Peter S Tsai, Winnie Yeo, Paul Lai and Nelson LS Tang awarded by Taiwan-ACGA 2010
	Conference awards received by postgraduate students are not listed
2021	Geneva Invention Expo : Gold Medal (Cytomics Limited)
2021	2020年粤港澳大湾区高价值专利培育布局大赛:银奖 (Cytomics Limited)
2022	The 9 th Macao International Innovation and Invention Expo: Gold Medal (Cytomics Limited)

COMMUNITY SERVICES

PARTICIPATION IN PUBLIC (GOVERNMENT) ACTIVITIES AND MEDIA APPEARANCE FOR EDUCATING THE GENERAL PUBLIC ABOUT GENETICS

26 May 2021	WEBINAR with French Chamber Hong Kong 香港法國商會
	Understanding genetic testing and its business implications
23 Apr 2021	【杏林在線】我的基因分析 Now 新聞
	https://lnkd.in/gpEFyUv
	Media exposure
Jan 2020	Moderator at the Health and Medical Research Fund - Briefing cum Grant Skills Training Workshop for HMRF grant of Food and Health Bureau,
	Service for HKSAR Government.
2019-2020	Member on Working Group on Colorectal and Breast Cancer Screening for High Risk Groups, Centre for Health Protection, Department of Health.
	Service for HKSAR Government.
31 Aug 2019	TODAY, Singapore (2019-08-31)
	Remark: Looking for hidden risks in DNA tests (World)
	https://www.todayonline.com/world/looking-hidden-risks-dna-tests
	Media exposure
31 Aug 2019	DNA testing to check for risk of diseases such as cancer, Alzheimer's: a satisfied customer, worried doctors
	South China Morning Post, Hong Kong
	Media exposure
11 June 2018	驗癌病基因有利有弊,你愿承受嗎?
	明報 Media exposure
2016	Moderator of Small Group Discussion Grant Skills Training Workshop 2015 organized by Food and Health Bureau.
	Service for HKSAR Government.
2015	Moderator in Advanced Medical Research - Grant Skills Training Workshop 2015 organized by Food and Health Bureau.
	Service for HKSAR Government.
2 Nov 2012	To promote Newborn Screening with Prof. Y.T. CHEN
	(DISTINGUISHED VISITING SCHOLAR OF UNITED COLLEGE 2012).
	Reported in 東方日報 (Please see appendix), also in Wen Wei Po, The Sun, Sky and Apple Daily.
	Newspaper and TV interviews before 2012 were not listed.
1	

SERVICE TO DEPARTMENT, FACULTY, UNIVERSITY

Professor (by courtesy), School of Biomedical Sciences {Department} (2010-06-01 to 2011-05-31) Secretary, Board of the Department of Chemical Pathology {Department} (2010-01-01 to Present) Member, Dept. of Chemical Pathology/Executive Committee {Department} (2010-01-01 to Present) Member, Department Academic Personnel Committee {Department} (2009-08-01 to 2011-07-31) Member, Examination Panel, Graduate Division of Chemical Pathology {Department} (2009-08-01 to 2011-07-31) Member, Graduate Panel, Graduate Division of Chemical Pathology {Department} (2009-08-01 to 2011-07-31) Member, Board of the Department of Chemical Pathology {Department} (2007-08-01 to Present) Member, Faculty Board {Faculty} (2007 to Sept 2009) Panel Coordinator, Subject Panel of Curriculum of the Faculty of Medicine {Faculty} (2006 to Present) Member, Welfare and Scholarship Committee, Faculty of Medicine {Faculty} (2006 to Present) Panel Co-ordinator of the Mechanisms of Disease and Therapeutic Approaches Panel of the medical curriculum. (2005-07 to 2010-12) Member of the Examination Panel of the Graduate Division of Chemical Pathology. (2010-07 to 2011-06) Member of the Graduate Panel of the Graduate Division of Chemical Pathology. (2010-07 to 2011-06) Member, Department Academic Personnel Committee {Department} (2009-08-01 to 2013-07-31) Level I Academic Advisor for undergraduate medical students and postgraduate students. Level II Academic Advisor to the Faculty of Medicine. (2012-08 to Present) Coordinator, Admission Interview {Faculty} (2011-08-01 to Present) Member of Laboratory Safety Sub-Committee, CUHK Shenzhen Research Institute {University} (2013-01-07 to 2015-01-06) Professor (by courtesy), CUHK-BGI Innovation Institute of Trans-omics {University} (2012-08-01 to 2013-07-31) Host family under CUHK Host Family Program organized by Incoming Students Section of Office of Student Affairs, CUHK Acting Chairman, Department of Chemical Pathology Professor (by courtesy), Hong Kong Institute of Diabetes and Obesity {University} (2014-02-24 to 2016-02-23) Professor (by courtesy), Hong Kong Institute of Diabetes and Obesity {University} (2014-02-24 to 2016-02-23) To serve as panel members for Li Po Chun Charitable Trust Fund Scholarships interview. (2014-10)To serve as panel member for Dr and Madam Tzu-leung Ho Scholarships for Distinguished Medical Students scholarship interview. (2014-09)To serve as panel member for Sir Edward Youde Memorial Scholarships interview. (2014-09)Member, Research Assessment Exercise (RAE) 2020 Departmental Panel

Department's Representative, Task Force for the Medical Council of Hong Kong Accreditation Exercise and Curriculum Mapping (2017-05-19 to Present)

Associate Examiner for centralized BME FYP oral examination, presentation and peer assessment, Department of Biomedical Engineering (2018-04-23)

Selection Interview Panel Member, Innovation and Technology Scholarship Award Scheme 2018 (2018 -01-05)

Administrator for Health Declaration, Faculty of Medicine's Online Health Declaration System (2020) Interviewer (Chairman), Selection Interview for HSBC Greater Bay Area (Hong Kong) Scholarship 2020/21

SERVICE TO SHENZHEN EXTENSIONS OF CUHK

香港中文大學深圳研究院研究員 (禮任), CUHK Shenzhen Research Institute (since 2014) Member of Laboratory Safety Sub-Committee, CUHK Shenzhen Research Institute

APPENDIX: DETAILS OF PRESS CONFERENCE IN TAIPEI

I had been invited to this International Press Conference in Taipei organized by Taiwan Foundation for Rare Disorders to talk about Primary Carnitine Deficiency.

Press briefing of metabolic disease in Taipei, invited by Taiwan Foundation of Rare Diseases (台灣 罕見疾病基金會) http://www.tfrd.org.tw/english/news/Cont.php?kind_id=61&sid=7&top1=NEWS%20AND%20EVENTS

NEWS AND EVENTS

"We Should Be Humble When Facing the Dignity of Life" International Press Conference

We just held an international press conferece on Aug.12, which was about the sad case of misdiagnosis of Ms.Serena Wu's son. Pinghsien, who passed away last year at the young age of 21. Serena investigated into Pinghsien's death and found that his disease is in fact Carnitine Deficiency, instead of NAGS deficiency. For her, it is already hard to accept the her son's death, let alone the cruel truth that all the effort spent on fighting against her son's disease turned out to be so wrong. However, she decides to get out of the emotinal tangles and view the whole issue from a larger scope. Her only wish is to save more patients who might have the same condition as Pinghsien's illness by telling the story and raise patients' and medical professional's alertness. She hopes that we will all learn the lesson from the loss of her beloved son's life. We share this sad case with you and hope that this would teach more people the importance of correct diagnosis, second opinion and research on complications of rare diseases and hopefully we can avoid the same tragedy from happening again.

We should be humble when facing the dignity of life<<< Because we can't live twice!









Gene Tells the Truth

APPENDIX: NEWS CLIPPING ABOUT PROMOTION OF NEWBORN SCREENING TO THE PUBLIC

<u>TOGETHER WITH PROF. Y.T. CHEN (DISTINGUISHED VISITING SCHOLAR OF UNITED COLLEGE</u> 2012). REPORTED IN 東方日報.



患病嬰無明顯病徵

患代謝病的嬰兒無明顯病徵,通常兩歲前發病,初時會發燒、食欲不振、嘔吐然後昏迷,短時間內已可演變成「新陳代謝危機」,身體無法正常運作,可致猝死,亦可令智力受損、心肌發大及小兒麻痹症等。他強調,若患者及早獲診斷, 大部分可透過藥物或食療控制病情,故初生嬰兒篩查是最有效方法。



Q.陳垣崇(左)及鄧亮生(右) 向傳媒講解代謝病篩查。



代謝病篩查流程 於初生嬰兒腳底,以針刺抽血。



油取四滴血液滴到專用試紙。

APPENDIX: CHIEF EXECUTIVE RECEPTION FOR AWARDEES IN THE 2021 GENEVA INVENTION EXPO (INTERNATIONAL EXHIBITION OF INVENTIONS OF GENEVA). MY STARTUP COMPANY IN HONG KONG SCIENCE PARK (CYTOMICS LTD) RECEIVED A GOLD MEDAL.



International Exhibition of Inventions of Geneva 2021



Gold Medal 金獎 **FULL PUBLICATION LIST ARCHIVED IN SCOPUS**

Web of Science[™]

Web of Science CV Prepared on September 1st 2023



Nelson L Tang

https://www.webofscience.com/wos/author/rid/P-5018-2017 Web of Science ResearcherID: P-5018-2017 ORCiD: 0000-0002-3607-5819

Current affiliation:

- The Chinese University of Hong Kong until present

Publication Metrics

For manuscripts published from date range December 1989 - December 2023

H-index

49

314

12268

Sum of Times Cited 304

Web of Science Core Collection Publications

Total Publications

69

Sum of Times Cited by Patents

For all time

49

12268

H-index

Sum of Times Cited

320

Total Publications

304 Web of Science Core Collection Publications

69

Sum of Times Cited by Patents

Publishing Summary

For manuscripts published from date range December 1989 - December 2023

(11) Journal of Inherited Metabolic D... (9) Plos One

(9) Clinica Chimica Acta	(7) Clinical Chemistry
(6) Spine	(6) Studies in Health Technology an
(6) Journal of Allergy and Clinical Im	(5) Pathology
(4) Nature Genetics	(4) Molecular Genetics and Metaboli
(4) Pediatric Allergy and Immunology	(4) Clinical Biochemistry
(4) Clinical Endocrinology	(4) Neurobiology of Aging
(4) Bioinformatics	(4) Allergy
(4) American Journal of Kidney Dise	(4) Genes
(3) Human Molecular Genetics	(3) Nature Communications
(3) Journal of Medical Genetics	(3) Dementia and Geriatric Cognitiv
(3) The American Journal of Human	(3) Sleep Medicine
(3) The International Journal of Bioc	(3) Human Mutation
(3) Hong Kong Journal of Paediatrics	(3) Journal of Paediatrics and Child
(3) Clinical & Experimental Allergy	(3) Journal of Medical Virology
(3) Hong Kong medical journal = Xi	(3) Scientific Reports
(3) Frontiers in Genetics	(2) Diabetologia
(2) Journal of Psychiatric Research	(2) Journal of the Renin-Angiotensin
(2) European Journal of Human Gen	(2) Bone
(2) Osteoporosis International	(2) Clinical Orthopaedics and Relate
(2) Age and Ageing	(2) BMC Bioinformatics
(2) World Journal of Pediatrics	(2) BMC Medical Genetics
(2) International Psychogeriatrics	(2) Mechanisms of Ageing and Deve
(2) Pediatric Pulmonology	(2) International Journal of Geriatric
(2) Modern Pathology	(2) Journal of the American Society
(2) European Journal of Clinical Nutr	(2) Journal of Asthma
(2) Journal of the National Cancer In	(2) Menopause
(2) The Breast	(2) American Journal of Alzheimer's
(2) Genome Research	(1) Age
(1) G3: Genes Genomes Genetics	(1) Genomics, Proteomics & Bioinfor
(1) Annals of Neurology	(1) Experimental and Molecular Pat
(1) Molecular Biology and Evolution	(1) Toxicologic Pathology

(1) International Journal of Cancer	(1) Clinical Cancer Research
(1) Neuroscience Letters	(1) Molecular Genetics and Genomics
(1) Journal of Orthopaedic Research	(1) Journal of Pediatric Orthopaedics
(1) Postgraduate Medical Journal	(1) Journal of Human Hypertension
(1) Genetics and Molecular Research	(1) Journal of Viral Hepatitis
(1) Experimental Gerontology	(1) New England Journal of Medicine
(1) Cancer Letters	(1) Angiology
(1) British Journal of Nutrition	(1) American Journal of Geriatric Psy
(1) Molecular Omics	(1) Alzheimer Disease and Associat
(1) Rejuvenation Research	(1) JAIDS Journal of Acquired Immun
(1) The Journal of Nutrition, Health	(1) Molecular Carcinogenesis
(1) Human Genetics	(1) CHEMICAL DIAGNOSTICS: FROM
(1) International Archives of Allergy	(1) Journal of Pineal Research
(1) Oncology Reports	(1) Tea in Health and Disease Preve
(1) Journal of Cancer Research and	(1) Gene
(1) Scandinavian Journal of Infectio	(1) Diabetes
(1) Journal of Clinical Neuroscience	(1) PAIN
(1) Annals of the New York Academy	(1) Oncogene
(1) Journal of Vascular Research	(1) British Journal of Cancer
(1) JAMA Internal Medicine	(1) Journal of Neurology, Neurosurge
(1) Australasian Journal on Ageing	(1) Reviews in Clinical Gerontology
(1) Journal of Bone and Mineral Met	(1) The Lancet
(1) The American Journal of Clinical	(1) International Journal of Epidemio
(1) Respiratory Medicine	(1) Neurology
(1) Blood Cells, Molecules, and Dise	(1) Journal of Molecular Medicine
(1) American Journal of Medical Gen	(1) Pediatric Neurology
(1) Genes and Immunity	(1) Sleep
(1) The Journal of Pathology	(1) BMC Infectious Diseases
(1) European Respiratory Journal	(1) Clinical and Experimental Derm
(1) The Annals of Thoracic Surgery	(1) Journal of Internal Medicine
(1) Muscle and Nerve	(1) The Journal of Laryngology and

(1) Surgical Neurology	(
(1) The Journal of Infectious Diseases	(
(1) Journal of Human Genetics	(
(1) NeuroReport	(
(1) Diabetes Care	(
(1) Journal of the American Dietetic	(
(1) Eye	(
(1) Diabetes Research and Clinical P	(
(1) BMC Cancer	(
(1) EMBO Molecular Medicine	(
(1) Journal of Molecular and Cellular	(
(1) New Zealand Medical Journal	(
(1) Hong Kong Medical Journal	(
(1) International Conference on Med	(
(1) Current Drug Targets. Inflammati	(
(1) Infection, Genetics and Evolution	(
(1) European Journal of Cancer	(
(1) Cancer Management and Resear	(
(1) Investigative Ophthalmology & V	(
(1) Current Genomics	(
(1) BMC Systems Biology	(
(1) Genetic Epidemiology	(
(1) Histopathology	(
(1) Genome Medicine	(
(1) Nutrients	(
(1) Journal of Bone and Mineral Res	(
(1) Frontiers in Cell and Developme	

(1) Experimental Neurology (1) BMC Women's Health (1) Ophthalmologica (1) International Journal of Food Sci... (1) Cancer Genetics and Cytogenetics (1) Nutrition (1) Osteoarthritis and Cartilage (1) Journal of Neurochemistry (1) Acta Neurochirurgica Supplement (1) BMC Gastroenterology (1) Journal of Gastroenterology and ... (1) Medicine (1) Jornal de Pediatria (1) IEEE International Conference on... (1) Development (1) The FASEB Journal (1) European Journal of Cancer, Sup... (1) Telomeres, Diet and Human Dise... (1) Quality of Life Research (1) European Journal of Nutrition (1) International Journal of Cardiology (1) Chinese Medical Journal (1) BMJ Supportive & Palliative Care (1) Current Alzheimer Research (1) Human Reproduction (1) Frontiers in Endocrinology

Publications

For manuscripts published from date range December 1989 - December 2023 (314)

Times Cited (All time)

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(2) Pathology	(2) BMC Musculoskeletal Disorders
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Reviewed for Cancers

Reviewed for Pathology

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Reviewed for Children

Reviewed for Journal of Clinical Laboratory Analysis

Reviewed for Journal of Pediatric Endocrinology and Metabolism

Reviewed for Science Progress

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Reviewed for Journal of Clinical Pharmacy & Therapeutics

Reviewed for Journal of Clinical Laboratory Analysis

Reviewed for Clinical Nutrition Open Science

Reviewed for Journal of Clinical Pathology

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Reviewed for Journal of International Medical Research

Reviewed for Gene

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