

S.M. Update

September 2007 Issue, Volume 020

Yong Loo Lin School of Medicine

Dean's Message

Dear Colleagues and Friends,

I am pleased to announce that NUS has jointly established Singapore's first Clinical Imaging Research Centre (CIRC) with the Agency for Science, Technology and Research (A*STAR) in collaboration with Siemens. This will be initially housed at the CeLS Building, and later the new MD6 building when completed. CIRC will leverage on NUS's multidisciplinary expertise to develop novel ways of imaging the human body. With a foundation grant of US\$2.5 million over five years from Siemens, as well as access to some of Siemens's latest technology, CIRC will undertake collaborative research in clinical and translational medicine and enable more effective hypothesis generated research, either from the bedside or the bench, to develop applications that will benefit Singaporeans and the rest of the world. Furthermore, CIRC aims to become a major training centre for Masters and PhD students in this area.

Permanent Secretary of Health, Ms Yong Ying-I, gave a well-received special address on the impact of Ministry of Health's vision on Health-Science Education on 20 August 2007 at the University Cultural Centre. Many of our medical, dental, nursing and pharmacy students attended the special address, which was followed by the charity event "Adopt-A-Book". Alumni members were encouraged to 'adopt' a textbook to help our students in financial need through the Medical Students' Bursary Fund. The event saw Ms Yong personally leading the donations, with faculty and the profession matching her contribution.

Finally, on behalf of the School, I would like to extend our warmest congratulations to Associate Professor Yeoh Khay Guan, Vice-Dean for Academic Affairs, on being awarded the Public Administration Medal at this year's National Day Awards. We thank Khay Guan for his dedication and showing us that individuals can make a difference.

Sincerely yours,

John

STAFF PROMOTION

Congratulations!

Promotion to Adjunct Associate Professor

Adjunct Associate Professor Paula Lam Yeng Po Physiology

Promotion to Associate Professor

Associate Professor Markus Wenk Biochemistry

NEWLY JOINED STAFF

Welcome onboard!

Surgery	A/Prof Krishnakumar Madhavan	Associate Professor
Biochemistry	Dr Irvin Cheah	Research Fellow
	Dr Sebastian Scheffer	Research Fellow
Physiology	Mr Swaminathan Sethu	Research Fellow (B)
Orthopaedic Surgery	Mr Lim Tee Yong	Research Fellow (B)
Anatomy	Dr Johanna Maria	Adjunct Assistant Professor
COFM	Dr Leong Soh Sum, Helen	Adjunct Assistant Professor
COFM	Dr Ruth Lim Mien Choo	Adjunct Assistant Professor
COFM	Dr Judy Sng Gek Khim	Adjunct Lecturer

AWARDS

Congratulations!

Medicine

NUS National Day Awards 2007

Public Administration Medal (Bronze)
Associate Professor Yeoh Khay Guan

Psychological Medicine

World Conference of IPA (International Psychogeriatric Association), Osaka, Japan

Dr Niti Mathew, A/P Ng Tze Pin, A/P Tan Chay Hoon, Professor Kua Ee Heok won 2nd Prize for their research, paper: Physical, Social and Productive Leisure Activities, Cognitive Decline and Interaction with APOE-e4 Genotype in Chinese Older Adults

- PI:** **Professor John Wong & Professor E L Yong**
 Department: Medicine
 Grant Amount: S\$3,679,000
 Funding Agency: Economic Development Board (EDB) under the Research Incentive Scheme for Companies (RISC)
 Period: 1 April 2007 to 31 March 2012
 Title: Development of NUS-NUH General Clinical Research Centre
- PI:** **Associate Professor Marie-Veronique Clement**
 Department: Biochemistry
 Grant Amount: S\$566,000
 Funding Agency: National Medical Research Council (NMRC)
 Period: 3 years
 Title: A Study to Assess the Mechanism(s) Involved in the Down Regulation of the NA+/H+ Exchanger 1 Gene Expression by Peroxisome Proliferator-Activated Receptor-Gamma: A Possible New Strategy to Selectively Sensitize Tumor Cells to Anticancer Drug Treatment
- PI:** **Professor Wong Limsoon**
 Department: Pathology
 Grant Amount: S\$485,840
 Funding Agency: A*STAR SERC
 Period: 1 August 2007 to 30 July 2010
 Title: Pattern Spaces: Theory, Techniques and Applications
- PI:** **Associate Professor Adeline Seow**
 Department: COFM
 Grant Amount: S\$473,300.00
 Funding Agency: National Medical Research Council (NMRC)
 Period: 29 March 2007 to 30 April 2010
 Title: Lung Cancer in Singapore Chinese Women: Genetic Determinants of Susceptibility to Inflammation and Estrogen-Related Risk Factors
- PI:** **A/Prof Aung Tin, A/Prof Wong Tien Yin, A/Prof Saw Seang Mei, Professor Foster PJ, Dr Eranga N Vithana**
 Department: Ophthalmology (Administered through SERI)
 Grant Amount: S\$362,262
 Funding Agency: National Medical Research Council (NMRC)
 Period: 2007
 Title: Familial Risk of Primary Angle Closure Glaucoma
- PI:** **Dr Wong Tina TL Wong A/Prof Aung Tin, Professor Khaw PT**
 Department: Ophthalmology (Administered through SERI)
 Grant Amount: S\$269,594
 Funding Agency: National Medical Research Council (NMRC)
 Period: 2007
 Title: Role of Mast Cell Chymase and Tumour Necrosis Factor in Bleb Failure and Conjunctival Scarring following Trabeculectomy
- PI:** **Associate Professor Shen Han Ming**
 Department: COFM
 Grant Amount: S\$200,000
 Funding Agency: URC
 Period: 1 July 2007 to 30 June 2010
 Title: Modulation of Death Receptors-Mediated Programmed Cell Death by Reactive Nitrogen Species

GRANT RESULTS**Congratulations!**

PI: **Professor Sit Kim Ping**
Department: Biochemistry
Grant Amount: S\$180,000
Funding Agency: URC
Title: Human Keloid Fibroblasts: A Potential Model for Study of Cancer Biology

PI: **Adjunct Associate Professor Eugene Sim**
Department: Surgery
Grant Amount: 7,500 Euro per annum
Funding Agency: Merlion Programme 2007-Merlion Project
Period: 2 years
Title: Heart Derived Cardiac Stem Cells for Cardiac Repair and Regeneration

STUDENT ACHIEVEMENTS**Congratulations!****International 18th Wonca World Conference, 23 to 24 July 2007****Presentation Merit Award**

Name: **Ho Lik Man**, et al.
Year of studies: 4
Title: The Prevalence, Awareness, Treatment and Control of Hypertension in Toa Payoh, Singapore

Name: **Aishworiya Ramkumar**, et al
Year of studies: 4
Title: Self-Rated Health and Its Related Factors. A Community-Based Study in Singapore

Name: **Pearlly Chang Pei Qi**, et al.
Year of studies: 4
Title: Use of Complementary and Alternative Medicine Among Cancer Patients in Singapore

Outstanding Undergraduate Research Prize 2006-2007

Name: **Chan Yong Sheng, Jason**
Year of studies: 5
Title: Novel Methods of Sensitization for Cancer Cell Death via Induction of Centresome Amplification and Redox Modulation: Using 5-fluorouracil and Scutellarin Enhancement of Resveratrol-Evoked Apoptosis in HCT116 Colon Cancer Cells as a Model

Name: **Tay Kai Xun, Joshua**
Year of studies: A recent graduate
Title: Functional Polymorphisms of the Cytochrome P450 1A2 (CYP1A2) Gene and Prolonged QTc Interval in Schizophrenia

Gold Medal and Book Prize in Ophthalmology, August 2007

Name: **Robert T. Grignani & Khor Chiea Chuen**
Year of studies: 4
Title: Identification of a Novel Gene that Contributes to the Pathogenesis on Myopia

FORTHCOMING GRANT CALLS

EDB Biomedical Sciences Group: Call for Medical Technology POC Proposals

Deadline: 10 September 2007

Contact Person: Poonam Rai / Masrinie

Tel / Fax / Email: Poonam - 6516 4235 / medprainus.edu.sg
Masrinie - 6516 5292 / medmmr@nus.edu.sg

The Biomedical Sciences Group of Singapore Economic Development Board (BMSG) is launching a Grant Call for Proof of concept (POC) proposals in the medical technology sector. The BMS POC scheme aims to provide pre-seed funding of up to S\$200,000 per project for up to 12 months, to support the development of early ideas that are patentable, and could lead to the formation of new start-ups or licensing deals with biomedical sciences companies.

Eligibility

The proposed POC project must meet the following criteria:

- (a) Pre-commercial activities must be undertaken in Singapore. Employees of polytechnics, universities, hospitals, specialty centres and A*STAR-funded research institutions are eligible to apply (as Principal Investigator or PI).
- (b) At the time of application, the PI must have secured a potential biomedical sciences industrial partner or investor. An investor refers to either venture capital or institutional investor with a credible and relevant track record for the project to be commercialized. The industrial partner/investor(s) are expected to:
 - (i) Devote time and effort to advise on the POC project technical development;
 - (ii) Draft a commercialization plan together with the scientific team; and
 - (iii) Be committed to ensure commercialization of the project upon successful completion at the end of the POC project

The potential industrial partner or investor does not need to make an upfront financial commitment at the point of POC application.

- (c) No employees of companies or business entities are eligible to apply
- (d) The proposed project must fit the POC criteria and be under one of the following supportable areas
 - Therapeutics/Vaccines
 - Diagnostics
 - Medical Technology
 - Platform Technology

Application Forms

The Application Form and Letter of Intent (LI) can be downloaded from

http://www.medtechconcept.com.sg/index.php?option=com_content&task=view&id=31&Itemid=45

For the Letter of Intent, OLS Director, Prof Hew Choy Leong will sign on behalf of the Host Institution.

Please submit a soft copy of the completed application form to Mr Jim Tay at jim_tay@bmsg.gov.sg with copy to olsbox1@nus.edu.sg and 5 signed hard copies of the Letter of Intent to Research Division (Poonam or Masrinie) by 5pm, 10th Sep 2007, Monday.

FORTHCOMING GRANT CALLS

ARF Tier 1 (URC, NUS) & ARF Tier 2 (ARC, MOE)

Deadline: Tentative (August/September 07)

Contact Person: Poonam Rai/Masrinie

Tel / Fax / Email: Poonam: 6516 4235 / medprai@nus.edu.sg
Masrinie : 6516 5292 / medmmr@nus.edu.sg

Singapore Stem Cells Consortium

Deadline: Tentative (August/September 07)

Contact Person: Poonam Rai/Masrinie

Tel / Fax / Email: Poonam: 6516 4235 / medprai@nus.edu.sg
Masrinie : 6516 5292 / medmmr@nus.edu.sg

National Medical Research Council (NMRC)

Deadline: Tentative (November 07)

Contact Person: Poonam Rai/Masrinie

Tel / Fax / Email: Poonam: 6516 4235 / medprai@nus.edu.sg
Masrinie : 6516 5292 / medmmr@nus.edu.sg

URL: <http://www.nmrc.gov.sg>

Singapore Cancer Syndicate Grant

Deadline: Tentative (January 2008)

Contact Person: Poonam Rai/Masrinie

Tel / Fax / Email: Poonam: 6516 4235 / medprai@nus.edu.sg
Masrinie : 6516 5292 / medmmr@nus.edu.sg

URL: http://www.scs.a-star.edu.sg/html/f_s.html

TIER 1 JOURNAL PUBLICATIONS

Anaesthesia

Rama Sethuraman, Malathi G. Krishnamoorthy, Tat-Leang Lee, Eugene Hern C. Liu, Siau Chiang, Wataru Nishimura, Masato Sakai, Toshiaki Minami, and Shinro Tachibana. Simultaneous Analysis of D-and L-Serine in Cerebrospinal Fluid by Use of HPLC. *Clinical Chemistry* 2007 53: 1489-1494

T. Asai, R. W. L. Goy, and E. H. C. Liu. Cricoid pressure prevents placement of the laryngeal tube and laryngeal tube-suction II. *Br. J. Anaesth.* 2007 99: 282-285

Biochemistry

Yoong, L. F. & H.P.Too. Glia Cell Line-Derived Neurotrophic Factor and Neurturin Inhibit Neurite Outgrowth and Activate RhoA through GFR α 2b, an Alternatively Spliced Isoform of GFR α 2. *J Neurosci.* 27(21):5603-14, 2007

Leong, David Tai; Gupta, Anurag; Bai, Hui Fen; Wan, Guoqiang; Yoong, Li Foong; Too, H. P; Chew, Fook Tim; Hutmacher, Dietmar Werner. Absolute quantification of gene expression in biomaterials research using real-time PCR. *Biomaterials* (2007), 28(2), 203-210

COFM & CME

Chia, A, A Jaurigue, G Gazzard, Y Wang, D Tan, RA Stone and S M Saw. Ocular Dominance, Laterality and Refraction in Singaporean Children. *Investigative Ophthalmology & Visual Science*, 48, no. 8 (2007): 3533-6. (United States)

Shankar, A, R Klein, BEK Klein and SE Moss. Association between Glycosylated Hemoglobin Level and Cardiovascular and All-Cause Mortality in Type 1 Diabetes. *American Journal of Epidemiology*, 2007 166(4):393-402 (United States)

Huang Q, Lu G, Shen HM, Chung MC, Ong CN. Anti-cancer properties of anthraquinones from Rhubarb. *Med Res Rev.* 2007 27(5):609-30

Butler, LM, W P Koh, H P Lee, M Tseng, MC Yu and SJ London. On previous findings concerning preserved meat intake and respiratory disease. *American Journal of Respiratory & Critical Care Medicine*, 176, no.3 (2007): 315. (United States)

COFM & CME

Easton DF, Pooley KA, Dunning AM, Pharoah PD, Thompson D, Ballinger DG, Struewing JP, Morrison J, Field H, Luben R, Wareham N, Ahmed S, Healey CS, Bowman R; The SEARCH collaborators, Luccarini C, Conroy D, Shah M, Munday H, Jordan C, Perkins B, West J, Redman K, Meyer KB, Haiman CA, Kolonel LK, Henderson BE, Le Marchand L, Brennan P, Sangrajang S, Gaborieau V, Odefrey F, Shen CY, Wu PE, Wang HC, Eccles D, Evans DG, Peto J, Fletcher O, Johnson N, Seal S, Stratton MR, Rahman N, Chenevix-Trench G, Bojesen SE, Nordestgaard BG, Axelsson CK, Garcia-Closas M, Brinton L, Chanock S, Lissowska J, Peplonska B, Nevanlinna H, Fagerholm R, Eerola H, Kang D, Yoo KY, Noh DY, Ahn SH, Hunter DJ, Hankinson SE, Cox DG, Hall P, Wedren S, Liu J, Low YL, Bogdanova N, Schurmann P, Dork T, Tollenaar RA, Jacobi CE, Devilee P, Klijn JG, Sigurdson AJ, Doody MM, Alexander BH, Zhang J, Cox A, Brock IW, Macpherson G, Reed MW, Couch FJ, Goode EL, Olson JE, Meijers-Heijboer H, van den Ouweland A, Uitterlinden A, Rivadeneira F, Milne RL, Ribas G, Gonzalez-Neira A, Benitez J, Hopper JL, McCredie M, Southey M, Giles GG, Schroen C, Justenhoven C, Brauch H, Hamann U, Ko YD, Spurdle AB, Beesley J, Chen X; kConFab, Aghmesheh M, Amor D, Andrews L, Antill Y, Armes J, Armitage S, Arnold L, Balleine R, Begley G, Beilby J, Bennett I, Bennett B, Berry G, Blackburn A, Brennan M, Brown M, Buckley M, Burke J, Butow P, Byron K, Callen D, Campbell I, Chenevix-Trench G, Clarke C, Colley A, Cotton D, Cui J, Culling B, Cummings M, Dawson SJ, Dixon J, Dobrovic A, Dudding T, Edkins T, Eisenbruch M, Farshid G, Fawcett S, Field M, Firgaira F, Fleming J, Forbes J, Friedlander M, Gaff C, Gardner M, Gattas M, George P, Giles G, Gill G, Goldblatt J, Greening S, Grist S, Haan E, Harris M, Hart S, Hayward N, Hopper J, Humphrey E, Jenkins M, Jones A, Kefford R, Kirk J, Kollias J, Kovalenko S, Lakhani S, Leary J, Lim J, Lindeman G, Lipton L, Lobb L, Maclurcan M, Mann G, Marsh D, McCredie M, McKay M, Anne McLachlan S, Meiser B, Milne R, Mitchell G, Newman B, O'loughlin I, Osborne R, Peters L, Phillips K, Price M, Reeve J, Reeve T, Richards R, Rinehart G, Robinson B, Rudzki B, Salisbury E, Sambrook J, Saunders C, Scott C, Scott E, Scott R, Seshadri R, Shelling A, Southey M, Spurdle A, Suthers G, Taylor D, Tennant C, Thorne H, Townshend S, Tucker K, Tyler J, Venter D, Visvader J, Walpole I, Ward R, Waring P, Warner B, Warren G, Watson E, Williams R, Wilson J, Winship I, Young MA; AOCs Management Group, Bowtell D, Green A, Defazio A, Chenevix-Trench G, Gertig D, Webb P, Mannermaa A, Kosma VM, Kataja V, Hartikainen J, Day NE, Cox DR, Ponder BA. Genome-wide association study identifies novel breast cancer susceptibility loci. *Nature*. 2007 447(7148):1087-93

Ophthalmology

Sotozono C, Ang LP, Koizumi N, Higashihara H, Ueta M, Inatomi T, Yokoi N, Kaido M, Dogru M, Shimazaki J, Tsubota K, Yamada M, Kinoshita S. New grading system for the evaluation of chronic ocular manifestations in patients with Stevens-Johnson syndrome. *Ophthalmology*. 2007 Jul;114(7):1294-302

Ghanem RC, de la Cruz J, Tobaigy FM, Ang LP, Azar DT. LASIK in the presbyopic age group: safety, efficacy, and predictability in 40- to 69-year-old patients. *Ophthalmology*. 2007 Jul;114(7):1303-10

Wong TY, Liew G, Mitchell P. Clinical update: new treatments for age-related macular degeneration. *Lancet*. 2007 Jul 21;370(9583):204-6

Barr EL, Zimmet PZ, Welborn TA, Jolley D, Magliano DJ, Dunstan DW, Cameron AJ, Dwyer T, Taylor HR, Tonkin AM, Wong TY, McNeil J, Shaw JE. Risk of cardiovascular and all-cause mortality in individuals with diabetes mellitus, impaired fasting glucose, and impaired glucose tolerance: the Australian Diabetes, Obesity, and Lifestyle Study (AusDiab). *Circulation*. 2007 Jul 10;116(2):151-7

Radhakrishnan S, See J, Smith SD, Nolan WP, Ce Z, Friedman DS, Huang D, Li Y, Aung T, Chew PT. Reproducibility of anterior chamber angle measurements obtained with anterior segment optical coherence tomography. *Investigative Ophthalmology and Visual Science*. 2007 Aug;48(8):3683-8

Alvarez BV, Vithana EN, Yang Z, Koh AH, Yeung K, Yong V, Shandro HJ, Chen Y, Kolatkar P, Palasingam P, Zhang K, Aung T, Casey JR. Identification and Characterization of a Novel Mutation in the Carbonic Anhydrase IV Gene that Causes Retinitis Pigmentosa. *Investigative Ophthalmology and Visual Science*. 2007 Aug;48(8):3459-68

TIER 1 JOURNAL PUBLICATIONS

Orthopaedic Surgery

Lian Q, Lye E, Yeo KS, Tan EK, Salto-Tellez M, Liu TM, Palanisamy N, El Oakley RM, Lee EH, Lim B, Lim SK. Derivation of Clinically Compliant MSCs from CD105+, CD24- Differentiated Human ESCs. *Stem Cells*. 2007 Feb;25(2):425-36. Epub 2006 Oct 19

Lareu RR, Arsianti I, Subramhanya HK, Yanxian P, Raghunath M. In vitro enhancement of collagen matrix formation and crosslinking for applications in tissue engineering: a preliminary study. *Tissue Eng*. 2007 Feb;13(2):385-91

Zhou Y, Chen F, Ho ST, Woodruff MA, Lim TM, Hutmacher DW. Combined marrow stromal cell-sheet techniques and high-strength biodegradable composite scaffolds for engineered functional bone grafts. *Biomaterials*. 2007 Feb;28(5):814-24

Liu TM, Martina M, Hutmacher DW, Hui JH, Lee EH, Lim B. Identification of common pathways mediating differentiation of bone marrow- and adipose tissue-derived human mesenchymal stem cells into three mesenchymal lineages. *Stem Cells*. 2007 Mar;25(3):750-60. Epub 2006 Nov 9

Kuleshova LL, Gouk SS, Hutmacher DW. Vitrification as a prospect for cryopreservation of tissue-engineered constructs. *Biomaterials*. 2007 Mar;28(9):1585-96

Wu Y, Yu H, Chang S, Magalhaes R, Kuleshova LL. Vitreous cryopreservation of cell-biomaterial constructs involving encapsulated hepatocytes. *Tissue Eng*. 2007 Mar;13(3):649-58

Toh WS, Yang Z, Liu H, Heng BC, Lee EH, Cao T. Effects of Culture Conditions and BMP2 on Extent of Chondrogenesis from Human Embryonic Stem Cells. *Stem Cells*. 2007 Apr;25(4):950-60. Epub 2007 Jan 11

Afifah H, Yang Z, Hui JH, Lee EH. A Comparison Between the Chondrogenic Potential of Human Bone Marrow Stem Cells (BMSCs) and Adipose-Derived Stem Cells (ADSCs) Taken from the Same Donors. *Tissue Eng*. 2007 Apr;13(4):659-66

Soon MY, Hassan A, Hui JH, Goh JC, Lee EH. An Analysis of Soft Tissue Allograft Anterior Cruciate Ligament Reconstruction in a Rabbit Model: A Short-Term Study of the Use of Mesenchymal Stem Cells to Enhance Tendon Osteointegration. *Am J Sports Med*. 2007 Jun;35(6):962-71 Epub 2007 Mar 30

Teo J, Wang SC, Teoh SH. Preliminary study on biomechanics of vertebroplasty: a computational fluid dynamics and solid mechanics combined approach. *Spine*. 2007 May 20;32(12):1320-8

Du Y, Han R, Ng S, Ni J, Sun W, Wohland T, Ong SH, Kuleshova L, Yu H. Identification and characterization of a novel prespheroid 3-dimensional hepatocyte monolayer on galactosylated substratum. *Tissue Eng*. 2007 Jul;13(7):1455-68

Singh H, Ang ES, Lim TT, Hutmacher DW. Flow modeling in a novel non-perfusion conical bioreactor. *Biotechnol Bioeng*. 2007 Aug 1;97(5):1291-9

Wu YN, Yang Z, Hui JH, Ouang HW, Lee EH. Cartilaginous ECM component-modification of the micro-bead culture system for chondrogenic differentiation of mesenchymal stem cells. *Biomaterials*. 2007 Oct;28(28):4056-67. Epub 2007 Jun 27

Pharmacology

Quan-Hong Ma, Wu-Lin Yang, Du-Yu Nie, Gavin S. Dawe and Zhi-Cheng Xiao. Physiological Roles of Neurite Outgrowth Inhibitors in Myelinated Axons of the Central Nervous System – Implications for the Therapeutic Neutralization of Neurite Outgrowth Inhibitors. *Current Pharmaceutical Design*, 2007, 13, 2529-2537

Physiology

Ong, SM, L He, NT Linh, YH Tee, T Arooz, GP Tang, C H Tan* and H Yu*. Transient Inter-Cellular Polymeric Linker. *Biomaterials*, 28 (2007): 3656-3667. (United Kingdom)

Söllner L., Shaqireen D/O Kwajah M.M., Wu J.T., and Schwarz H. Signal transduction mechanisms of CD137 ligand in human monocytes. *Cellular Signalling*, 19:1899–1908, 2007

Z X Chen and S Pervaiz. Bcl-2 induces pro-oxidant state by engaging mitochondrial respiration in tumor cells. *Cell Death and Differentiation* (2007) 14, 1617–1627

Psychological Medicine

Dr Tan Hao Yang. Epistasis between catechol-O-methyltransferase and type II metabotropic glutamate receptor 3 genes on working memory brain function. *Proceedings of the National Academy of Sciences* (PNAS.2007 July 24;104(30):12536-12541

Ng TP, Niti M, Tan WC, Cao Z, Ong KC, Eng P. Depressive symptoms and chronic obstructive pulmonary disease: effect on mortality, hospital readmission, symptom burden, functional status, and quality of life. *Archives of Internal Medicine*. 2007 Jan 8; 167(1):60-7

EXTERNAL APPOINTMENTS

Anatomy

Professor P. Gopalakrishnakone

Invited member of the Editorial Committee of "Life Science Research",
China
June 2007

Biochemistry

Associate Professor Tan Tin Wee

Re-elected for a second three year term as a Board of Director of the International Society for Computational Biology, the only professional international organisation for bioinformatics and computational biology. He will continue to chair the Affiliates and Special Interest Group committee of the ISCB.

COFM

Dr Koh Woon Puay

Member, NHG Domain-Specific Review Board (DSRB)

Pathology

Professor Wong Limsoon

International Expert Advisory Panel, Fusionopolis Cyberace Competition
September 2007 to September 2008

Surgery

Assistant Professor Theodoros Kofidis

Chairman and Invited Speaker, 13th World Congress on Heart Disease /
International Academy of Cardiology Annual Scientific Sessions 2007,
Canada

Invited Editor and Reviewer for 'Journal of Clinical Rehabilitative Tissue
Engineering Research'

COLLABORATION

Pathology

Collaboration Partners: Institute of High Performance Computing, A*STAR
Date: 18 July 2007
Objective: Individual-based Modelling on the Spread of Infectious Diseases in
Singapore

FORTHCOMING EVENTS, COURSES & WORKSHOPS

Biochemistry

Seminar on Drosophila neuroblast asymmetric divisions: Cell cycle regulators, asymmetric protein localisation and tumourigenesis

Speaker: Professor William Chia, Temasek Life Sciences Laboratory
Date: 13 August 2007
Venue: Seminar Room M9, Blk MD7 Level 2
Time: 12.00pm to 1.00pm
Fee: Nil
Contact: Dr Sashi Kesavapany
Tel: 6516 5887/ 6779 1453/
Email: bchsk@nus.edu.sg

Seminar on Alzheimer's disease: A cell biological story from the bench to the bedside

Speaker: Professor Edward H. Koo, Department of Neurosciences
University of California, San Diego
Date: 13 August 2007
Venue: Seminar Room M9, Blk MD7 Level 2
Time: 2.00pm to 3.00pm
Nil: Nil
Contact: Dr Sashi Kesavapany
Tel: 6516 5887/ 6779 1453
Email: bchsk@nus.edu.sg

FORTHCOMING EVENTS, COURSES & WORKSHOPS

Pathology

18th International Conference on Genome Informatics

Date: 3-5 December 2007
Venue: Biopolis, Singapore
Time: 9.00am to 5.00pm
Fee: S\$600
Contact: Wong Limsoon
Email: wongls@comp.nus.edu.sg
URL: <http://www.comp.nus.edu.sg/~giw2007>

2nd International Symposium on Languages in Biology and Medicine

Date: 6-7 December 2007
Venue: Biopolis, Singapore
Time: 9.00am to 5.00pm
Nil: S\$600
Contact: Wong Limsoon
Email: wongls@comp.nus.edu.sg
URL: <http://lbn2007.biopathway.org/>

COFM

Short Course on Medical and Humanitarian Emergencies

Date: 3-7 December 2007
Venue: Department of Community, Occupational and Family Medicine
Time: 9.00am to 5.00pm
Fee: S\$1,000 (Fees are subjected to 7% GST)
Contact: Doris Chen
Tel: 6516 4959 / 6779 1489
Email: cofcpj@nus.edu.sg
URL: www.med.nus.edu.sg/cof/sc_main.html

Short Course on Environmental Toxicology

Date: 10-14 December 2007
Venue: Department of Community, Occupational and Family Medicine
Time: 9.00am to 5.30pm
Fee: S\$1,000 (Fees are subjected to 7% GST)
Contact: Doris Chen
Tel: 6516 4959 / 6779 1489
Email: cofcpj@nus.edu.sg
URL: www.med.nus.edu.sg/cof/sc_main.html

NUH-NUS International Colorectal Symposium 2007 (in conjunction with NHG Annual Scientific Congress 2007)

Date: 10-11 November 2007

2 Post-Congress Workshops

Date: 12-13 November 2007
URL: <http://www.colorectalclinic.com/ics2007>

FORTHCOMING EVENTS, COURSES & WORKSHOPS

Medical Education Unit

3rd Student Medical Education Conference (SMEC)

Date: 7 September 2007
Venue: CRC Auditorium
Time: 12.30pm to 5.30pm
Fee: Free
Contact: Nicholas Wong
Tel: 6516 8107 / 6872 1454
Email: nicholas_wong@nus.edu.sg

4th NUS-HMI Program for Educators

International Design Strategies for Medical Curricula across the Continuum

Date: 16 to 20 October 2007
Venue: CintaAyu All Suites, Pulau Springs Resort, Johor, Malaysia
Time: 8.30am to 5.30pm
Fee: S\$4,800
Contact: Nicholas Wong
Tel: 6516 8107 / 6872 1454
Email: nicholas_wong@nus.edu.sg
URL: [http://medicine.nus.edu.sg/meu/file/Email%20Flier%20\(HMI\).pdf](http://medicine.nus.edu.sg/meu/file/Email%20Flier%20(HMI).pdf)

5th Asia Pacific Medical Education Conference (APMEC)

Date: 24–27 January 2008
Venue: **Pre-Conference Workshops:**
Centre for Life Sciences (CeLS)
Main Conference:
University Cultural Centre
National University of Singapore
Time: 8.30am to 6.00pm
Fee: S\$440 – Main Conference
Contact: Emily Loo
Tel: 6516 1048 / 6872 1454
Email: medbox10@nus.edu.sg

Obstetrics & Gynaecology

GP Forum on O & G Issues in Primary Care

Date: 17 November 2007
Venue: Clinical Research Centre Auditorium, Yong Loo Lin School of Medicine, NUS
Time: 1.30pm–4.30pm
Fee: Free of Charge
Contact: Irene Lai / Audrey Tay
Tel: Irene 6772 2682
Audrey 6772 2670
Email: obgcyi@nus.edu.sg / obgtcb@nus.edu.sg

39th International Congress of Pathophysiology of Pregnancy

Date: 22-24 November 2007
Venue: Suntec City Convention Centre
Time: 9.00am to 6.00pm
Fee: US\$ 150/- (S\$ 200/-) for local participants
US\$ 280/- (S\$ 400/-) for overseas participants
Contact: Ginny Chen/ Dr Loganath Annamalai
Tel: 6772 2672 / 6779 4753
Email: obgcz@nus.edu.sg
URL: www.39icpp.com

FORTHCOMING EVENTS, COURSES & WORKSHOPS

NUH-NUS Medical Publications Support Unit

Refresher Course on Biostatistics Using SPSS

Date: 12 September 2007
Venue: Centre for Development of Teaching and Learning (CDTL)
Time: 9.00am to 5.00pm
Fee: S\$128.40 (inclusive of 7% GST) for PSU participant
S\$214.00 (inclusive of 7% GST) for Others
Contact: Tan Shuyu / Jap Ren Fang
Tel: 6516 5586 (or 6516 1049) / 6872 1454
Email: psu@nus.edu.sg

Workshop on Advanced Biostatistics Using SPSS

Date: 28 September & 1 – 2 October 2007
Venue: Centre for Development of Teaching and Learning (CDTL)
Time: 9.00am to 5.00pm
Fee: S\$428.00 (inclusive of 7% GST)
Contact: Tan Shuyu / Jap Ren Fang
Tel: 6516 5586 (or 6516 1049) / 6872 1454
Email: psu@nus.edu.sg

Psychological Medicine

Public Symposium – No More Fears

Date: 6 October 2007
Venue: Sheraton Towers Hotel
Time: 2.00pm to 5.00pm
Fee: S\$8.00
Contact: Aminah
Tel: 6772 5519

Surgery

International Symposium on Gastrointestinal Stromal Tumor (GIST)

Date: 13 September 2007
Venue: Tan Sri Khoo Teck Puat Advanced Surgical Training Centre
Time: 8.00am to 3.00pm
Fee: Delegates: S\$150
NUH/NUS/NHG: S\$100
Contact: Norizan Salim
Tay Yuh Ling Amy
Tel: 6772 4240
Email: norizan_salim@nuh.com.sg