



Yong Loo Lin  
School of Medicine

NUS  
MEDICINE  
110

# Medicine

A publication of the Yong Loo Lin School of Medicine • Issue 14 / May 2015

## Contents

### FEEL THE PULSE

- Raffles Dialogue on the Future of Human Well-being and Security
- NUS-Kanagawa Joint Symposium

### SCIENCE OF LIFE

- Investigating the Mysteries of Alzheimer's Disease

### KOPI-TALK

- 5<sup>th</sup> Annual Graduate Scientific Congress

### MY STORY

- Longitudinal Patient Experience Programme
- 28<sup>th</sup> East Asian Medical Students' Conference

### ALUMNI VOICES

- OncoCare Medical Bursary
- NUS Giving
- 3 Steps to Stay Connected

### WHAT'S IN SIGHT

- May – July
- Medical Dinner 2015

### IN LIGHTER VEIN

- Coat of the Day
- White Coat Humour
- Picture Quiz

## Dean's Message



### Dear Friends,

Warmest greetings from the Yong Loo Lin School of Medicine.

These past few months certainly have been very eventful. We started the year off with the

NUS-Kanagawa Joint Symposium on 19 and 20 January 2015. This inaugural symposium focused on the field of Urology and promoted the exchange of scientific ideas through a networking session with industry partners, and encouraged closer ties and understanding among researchers from the NUHS and the Japanese universities in the Kanagawa Prefecture.

In February, we held the inaugural Raffles Dialogue on the Future of Human Well-being and Security at Raffles Hotel Singapore. The Dialogue brought together thinkers who deliberated on critical topics ranging from globalisation and the planet's health, delivering quality healthcare and education, to international cooperation and goodwill.

For this issue's Science of Life, we are delighted to feature Professor Edward Koo from the Departments of Medicine and Physiology, and his research on Alzheimer's disease (AD). Prof Koo's research focuses on understanding the causes of AD and effective treatment strategies.

Moving on to our student activities, our graduate students also collaborated with the Nursing and Pharmacy Departments to organise the 5th

Annual Graduate Scientific Congress. Over 450 graduate students, faculty members and industry representatives from all relevant established and emerging disciplines attended the congress. It served as a platform to communicate and exchange ideas on current scientific issues and to promote scientific advancements.

A medical student's journey is full of learning opportunities and fulfilling experiences, both inside and outside curriculum activities. We see this in Phase I medical student Gerald Fung's account of his time at the 28th East Asian Medical Students' Conference in Tangerang, Indonesia. We also have Phase II medical students Charlotte Choo and Priscillia Lye recounting their journey through the Longitudinal Patient Experience programme, a Phase I medical student volunteer programme in which students conduct a one-year community-based longitudinal follow-up of patients living in the community with chronic illnesses.

Last but not least, I would like to take this opportunity to thank everyone in the NUS Medicine community for their invaluable contribution to the school. I hope these updates help to keep you in touch with our latest activities.

**A/Prof Yeoh Khay Guan**

*Dean*

*Yong Loo Lin School of Medicine*

# Raffles Dialogue on the Future of Human Well-being and Security

The 2<sup>nd</sup> and 3<sup>rd</sup> of February marked the inauguration of the Raffles Dialogue on the Future of Human Well-being and Security at the Raffles Hotel Singapore which saw over 200 attendees from 14 countries.

The Dialogue, chaired by Professor John Wong, Chief Executive of the National University Health System (NUHS), brought together many leading global thought- and opinion-leaders who deliberated on topics such as mitigating the ill-effects of globalisation, dealing with climate change and the health of the planet as a whole, developing effective and relevant technologies through a robust research endeavour, delivering quality healthcare and education, alleviating poverty and inequity, ensuring international cooperation and goodwill, and building effective global institutions which would provide strong governance.

The Dialogue was jointly organised by the NUS Yong Loo Lin School of Medicine, the NUS Lee Kuan Yew School of Public Policy (LKYSPP), the NUS Saw Swee Hock School of Public Health (SSHSPH) and NUHS. Graced by Mr Heng Swee Keat, the Minister for Education, Singapore, the event commemorated 2 significant occasions; the 110<sup>th</sup> anniversary of NUS Medicine and the 10th anniversary of the Mexico Ministerial Summit on Health Research.

Mr Pascal Lamy, President Emeritus, Notre Europe – Jacques Delors Institute, France, Former Director General of the World Trade Organization, kicked off the event with an engaging Opening Dinner Keynote Address on the mitigation of the ill-effects of globalisation. It was followed by a full day of lively and thought-provoking plenary lectures and discussions, in which eminent Local and International experts from academia, healthcare and business took the opportunity to share their insights.

Distinguished leaders including Dr Richard Horton, Editor-in-Chief, The Lancet, Professor Eva Harris, the Director for the Center for Global Public Health, Professor Kelley Lee, Director of Global Health, Faculty of Health Sciences, Simon Fraser University, Canada and Professor Mari Pangestu, Professor of International Economics, Faculty of Economics, University of Indonesia, Former Minister for Trade, Indonesia, discussed topics in each of their domains.

Professor Kishore Mahbubani, Dean of NUS LKYSPP, led the conclusion of the Dialogue with a Roundtable Discussion, which saw a spirited discussion among the participants.



Guest-of-Honour, Mr Heng Swee Keat, Minister for Education, Singapore, delivering the Opening Address.



Keynote speakers, Discussants, Moderators and Organising Council for the Raffles Dialogue at The Raffles Hotel ballroom.



Raffles Dialogue Roundtable Discussion, moderated by Professor Kishore Mahbubani, Dean, NUS LKYSPP.

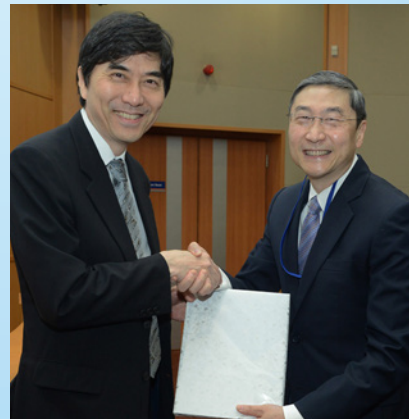
# NUS-Kanagawa Joint Symposium

**The** NUS and the Kanagawa Prefecture of Japan held the inaugural NUS-Kanagawa Joint Symposium on 19 and 20 January 2015 at the Centre for Life Sciences auditorium at the NUS Yong Loo Lin School of Medicine.

The symposium, which focused on the field of Urology, was led by Professor John Wong, Chief Executive of the National University Health System (NUHS), Mr Yuji Kuroiwa, Governor of Kanagawa Prefecture, and Professor Yoshinobu Kubota, President of Yokohama City University.

Amongst the 128 attendees, distinguished guests present included His Excellency Haruhisa Takeuchi, the Ambassador of Japan to Singapore, Dr Kenji Shuto, Special Assistant to the Governor, Kanagawa Prefectural Government, and Secretary General of the Global Collaboration Center for Life Innovation, Mr Sumio Takeichi.

The symposium promoted the exchange of scientific ideas through a networking session with industry partners, and encouraged closer ties and understanding among researchers from the NUHS and Japanese Universities in the Kanagawa Prefecture. It brought together experts from various clinical and pre-clinical disciplines, facilitated cross education, and stimulated the fusion and implementation of scientific ideas into clinical practices that could help improve patient outcomes.



**His Excellency Haruhisa Takeuchi, Ambassador of Japan to Singapore (left), and Prof John Wong, Chief Executive of NUHS (right).**



**Breakout session with industry partners.**



**Group photo of the symposium organising committee, representatives from the Kanagawa Prefectural Government and Global Collaboration Center, symposium speakers and industry partners.**

# Investigating the Mysteries of Alzheimer's Disease

**Understanding** the causes of Alzheimer's disease (AD) and thinking about effective treatment strategies are just some of the things that interest Professor Edward Koo. Prof Koo holds appointments in the Departments of Medicine and Physiology at the NUS Yong Loo Lin School of Medicine and in the Department of Neurosciences at the University of California, San Diego, School of Medicine.

Although there are several theories about how AD arises, genetic studies support the "amyloid hypothesis," which features the accumulation of amyloid  $\beta$ -protein ( $A\beta$ ) as the seminal event (see Fact Box). In spite of these advances in our understanding, Prof Koo notes that many critical questions remain. For example, aside from rare genetic forms of AD, it is unclear what triggers AD. Age is the biggest risk factor, but the role age plays is unknown. Second, it remains unclear whether the non-genetic (sporadic) form shares the same disease mechanisms as the genetic forms of AD. Third, the amount of  $A\beta$  in the brain does not correlate with disease severity and early attempts to lower  $A\beta$  levels did not improve cognition or slow disease progression.

Prof Koo is also involved in developing new AD therapies. There are two types of therapies: 1) symptomatic therapies that alleviate disease symptoms; and 2) disease-modifying therapies that disrupt the disease process. Only symptomatic therapies have been approved thus far. Although much industry effort has gone into developing disease-modifying therapies, results have been disappointing. One widely accepted view is that these treatments were started too late in the disease course, thus late-phase clinical trials are now being conducted in early-stage patients as well as asymptomatic individuals who carry inherited AD mutant genes. Researchers are actively pursuing immunotherapies (antibodies that remove  $A\beta$  from the brain) and "secretase" inhibitors that inhibit  $A\beta$  production. They are also testing multiple therapies that address other disease targets, including those such as brain neurofibrillary targets, another hallmark of AD.

The dearth of new effective therapies highlights the importance of continued research in the development of AD and related neurodegenerative diseases. Started in March 2015, Prof Koo, Prof Carlos Ibanez, and other NUS faculty aim to fulfil this need by leading a strategic effort funded by NUS and NUHS to study neurodegenerative diseases. The multidisciplinary team consists of clinician researcher A/Prof Dr Christopher Chen; neurophysiologist Dr Sajikumar S; live-cell imaging expert Dr Lee Chi Wai; and neuroscientist Dr Ling Shuo-Chien, who specializes in animal models of neurodegenerative diseases. The team is currently recruiting additional expertise in translational research from the lab to the clinic. The goal for this effort is to create a truly collaborative umbrella, bringing together existing strengths to build an internationally competitive team of neuroscientists that will study AD from bench to bedside.



## Fact box



### What Causes Alzheimer's Disease?

- **Theory 1:** Accumulation of  $A\beta$  peptide in brain causes AD.
- **Theory 2:**  $A\beta$  aggregates into clusters (oligomers), which are poisonous to nerve cells. Oligomers form fibrils, which catalyse more oligomer formation, causing AD.
- **Theory 3:** Accumulation of  $A\beta$  oligomers and tau protein tangles near synapses causes loss of synapses and/or reduced synaptic plasticity (feature of brain that allows learning and creation of new memories).

### References

1. Koo EH. Preclinical and clinical understanding: What are the major gaps in our understanding and capabilities? Where aren't we looking and where should we be looking? Manuscript in preparation.
2. Cummings JL, Morstorf T, Zhong K. Alzheimer's disease drug-development pipeline: few candidates, frequent failures. *Alzheimers Res Ther.* 2014;6:37.
3. Ministry of Health, Singapore. MOH Clinical Practice Guidelines: Dementia. 1/2013. Available at: <http://www.moh.gov.sg/cpg>.
4. Chiang K, Koo EH. Emerging therapeutics for Alzheimer's disease. *Annu Rev Pharmacol Toxicol.* 2014;54:381-405.
5. Cohen SIA, Arosio P, Presto J, Kurudenkandy FR, Biverstal H, Dolfe L, Dunning C, et al. A molecular chaperone breaks the catalytic cycle that generates toxic  $A\beta$  oligomers. *Nat Struct Mol Biol.* 2015 Feb 16. [Epub ahead of print]

# 5<sup>th</sup> Annual Graduate Scientific Congress

By David She (PhD student, Department of Physiology)  
Creative-Design Director, Graduate Students Society

The 5<sup>th</sup> Annual Graduate Scientific Congress (AGSC 2015) was successfully held at the NUHS Tower Block Auditorium on 27 January 2015. Organised by the NUS Yong Loo Lin School of Medicine Graduate Students Society, together with a group of highly dedicated medical, nursing and pharmacy graduate student volunteers, AGSC 2015 saw overwhelming participation from over 450 graduate students, faculty members and industry representatives from all relevant established and emerging disciplines coming together to communicate and exchange ideas on current scientific issues and to promote scientific advancements. Associate Professor Yeoh Khay Guan, Dean of NUS Medicine, welcomed the guests and participants with a speech on the importance of translational research and using AGSC 2015 as a platform to invoke collaborative ideas.

This year's theme "Decoding Science, Translating Medicine" was inspired by the collaborative roles of the basic and clinical scientists in the realm of biomedical research and highlighted the pressing need to translate basic biomedical research into clinical practice. Students and staff from across NUS Medicine, Saw Swee Hock School of Public Health, Faculty of Dentistry, Wong Hock Boon Society, Cancer Science Institute of Singapore, Alice Lee Centre for Nursing Studies, Department of Pharmacy and for the first time, NUS Graduate School for Integrative Sciences and Engineering (NGS) came together for the congress. A total of 119 representatives from more than 18 different departments presented their research in posters and oral presentations.



**Professor Lawrence Ho, Vice-Dean for Research, NUS Medicine, sharing his story on how chilli crab had inspired the design of the claw-like component of his robotic surgical device.**



**Aneesh Karkhanis, PhD Student, Department of Pharmacy, Faculty of Science, explaining his research to Associate Professor Rita Singh, University of Delhi.**

AGSC 2015 was graced by NUS Deputy President for Research and Technology, Professor Barry Halliwell, who delivered a keynote lecture, and NUS Vice Provost for Graduate Education, Professor Mohan Kankanalli. The participants of AGSC 2015 were inspired by the two plenary lectures by Professor Yoshiaki Ito, Senior Principal Investigator, Cancer Science Institute of Singapore, who highlighted the current trends in cancer research; and Professor Lawrence Ho Khek Yu, Vice-Dean for Research, NUS Medicine, who shared with the audience the importance of translational research and innovation and how chilli crab had inspired the invention of a ground-breaking robotic surgical device.

The congress ended with an award ceremony for recipients of the 5<sup>th</sup> AGSC Best Oral and Poster Awards, NUSMed FY2014 Best International Graduate Research Publication and Oral Presentation Award and the AY2014/2015 Yeoh Seang Aun Graduate Prize (in Tuberculosis and Infectious Diseases). Associate Professor S Thameem Dheen, Assistant Dean for Graduate Studies, presented the prizes to winners and congratulated them on their outstanding achievements in their respective fields.

# Longitudinal Patient Experience Programme

The Longitudinal Patient Experience (LPE) programme is one full of aspiration, which seeks to inculcate the familiar and yet often overlooked values of empathy, patience, kindness and promote engagement through a one-year community-based longitudinal follow-up of patients living in the community with chronic illnesses. This Phase I medical student volunteer programme is a faculty-supported initiative that was introduced in 2011 and has steadily grown in popularity over the years since. In the past year, a total of 238 out of 300 medical students participated in this programme; this year, 222 out of 300 medical and 62 nursing students chose to undertake this journey.

Two Phase II medical students, Charlotte Choo and Priscillia Lye, share their experiences...

From left to right: Jacqueline Koh (Phase II), Ms Geetha (our patient), Charlotte Choo (Phase II)



## Charlotte's journey

I was under the mentorship of Dr Citra Mattar, an Obstetrics and Gynaecology Consultant at the National University Hospital (NUH) during my LPE journey. In our first meeting, Dr Citra introduced us to Ms Geetha, a patient in her second trimester, who was facing severe morning sickness symptoms. Due to the great discomfort Ms Geetha was experiencing, she was reconsidering carrying her child to term. Through our conversations with Ms Geetha and Dr Citra, we came to better understand our patient's condition, dilemma and considerations.

Over time, Ms Geetha slowly opened up to us. She was sometimes like a mother to us as well: sending us encouraging messages when exams were around the corner and wishing us a great time when we were on holiday. This showed us how important it was to build rapport with our patients and to gain their confidence and trust. The process required time and effort, but it was indeed worth it to get to know her better and share in her experiences.

To our pleasant surprise, Ms Geetha invited us to observe her caesarean surgery. It was a 'bonus' experience for us, being able to witness the joy of parenthood, see how our mentor skilfully guided our patient through her pregnancy, and finally to delivery. It showed us that despite the challenges of this profession, the joy of doctoring is truly worth it all.

Our last LPE session was particularly heart-warming as Ms Geetha finally agreed to a home visit. We were uncertain as to how her family would react to our presence, but were pleasantly surprised when Ms Geetha's two other children were very excited to see and play with us. Beyond the fun, it was pleasant to see how our patient was now a proud and happy mother of three beautiful children, despite her initial doubts and worries.

The experience was definitely a novel and valuable one for my partner and me. Although we may not have grasped the full picture of the healthcare system yet, the few interactions provided us with an invaluable lesson. The soft skills and awareness that I gained will definitely be a part of me when I deliver healthcare to my patients in future.

From left to right: Dr Khoo Poh Choo, Aniq Rayhan (youngest child), Audi Rayyan (eldest child), Aliff Adrian (second child; our patient), Priscillia Lye (Phase II), Ang Chen Xiang (Phase II)



## Priscillia's journey

A typical trip to Mdm Shahira's went something like this: I would be sitting on the sofa, watching television, with my patient Aliff Adrian leaning on me, trying to explain what Spongebob was doing. Mdm Shahira, Adrian's mother, would be on the adjacent sofa, with her toddler, Aniq Rayhan, in her arms. We would be chatting about her three boys, her cats which she refers to as her 'fur daughters' and then her toddler would slip out of her arms to play with Chen Xiang, my LPE partner. There would be loads of toys strewn all over the floor. Evening would come and Mdm Shahira's eldest son, Audi Rayyan, would return from primary school and the house would bustle with even more activity as the big brother would bring toys back for his younger siblings and recount his day at school. Every visit was one filled with chatter and laughter.

Mdm Shahira is one parent any medical student would have loved to interact with. She was ever so willing to share her experiences; and most importantly, she radiated positive energy. Adrian had been a pre-mature baby and as such, he faced multiple complications in his early years. Due to these complications, Adrian had been diagnosed with autism. Despite the many challenges, Mdm Shahira remained optimistic and counted her little blessings with every small progress Adrian made. She beamed with pride when she described how Adrian had started becoming curious about his surroundings and how he had started to enjoy going to school instead of dreading it.

Dr Khoo Poh Choo was our very patient and friendly mentor. When she accompanied us on our house visits, it was as if there were two mothers exchanging their experiences, not a patient's mother consulting a doctor. House visits like these were very humbling. They made us realise how deep-seated our prejudices and stereotypes were; and very often, how ignorant we were. There was so much we needed to learn, and unlearn, and apart from our mentors, who better to learn from than our patients.

As a medical student in pre-clinical years, the LPE programme made my learning experience much more real. I knew the patient's name not because I was supposed to, but because I wanted to. I finally started to appreciate how dynamic healthcare is and the LPE programme provided a peek into the challenges we would face when we graduate as doctors.

# 28<sup>th</sup> East Asian Medical Students' Conference

By Gerald Fung (Phase I medical student)

**The** East Asian Medical Students' Conference (EAMSC) is an annual event hosted by the Asian Medical Student's Association (International). This year, I was greatly thankful for the opportunity to have participated in the 28<sup>th</sup> EAMSC held in Tangerang, West Jakarta, Indonesia from 10 to 15 January 2015.

With the main theme on Sexually Transmitted Infections - "Halt the Disease, Help the People", the conference commenced with keynote lectures by international speakers from the World Health Organization who gave an informative overview of the epidemiology and global issues of Sexually Transmitted Infections (STI), together with the ways we could approach this growing problem. This was followed by various academic workshops which provided us with insightful hands-on experiences.

One of the highlights of the conference was the academic competition where delegates from different chapters shared about health, epidemiology and discussed possible solutions to deal with the expounding health problems related to STIs. Through hard work and dedication, the Singapore team managed to come in Third Place for both the academic paper and public poster competition.

My favourite activities from the conference were the International Booths and the Cultural Night events where we were given a chance to taste the traditional food and enjoy unique and well-choreographed performances by the different nations. Dressed in red and white, we shared some of our famous mouth-watering local delicacies such as pineapple tarts, love letters, kacang puteh and popular Tiger Beer with the other delegates.. It was a good time of mingling and making new friends while learning more about the stories behind the common food in their countries and the delicious delicacies - a true reflection of the diverse cultures brought together in this very conference.

Despite having returned to Singapore to prepare for the new semester, I am often reminded of the wonderful times we had back at the conference when I look back at pictures of the conference. It was truly an illuminating experience to meet a coalition of medical students from all around the region with diverse cultures, lifestyles and backgrounds. The whole experience was a truly fulfilling and meaningful one; from having gained valuable medical knowledge and skills applicable to Singapore's healthcare landscape, to creating fond memories and priceless friendships.



Gerald (second row, third from the left) with his fellow conference group mates from different regional countries.



# OncoCare Medical Bursary

## The Circle of Giving



Dr Tay Miah Hiang  
(Class of 1992)

A new medical undergraduate bursary will help pay for the studies of financially needy students at the NUS Yong Loo Lin School of Medicine.

The new bursary, the OncoCare Medical Bursary, was set up by the OncoCare Cancer Centre's founding director, consultant medical oncologist Dr Tay Miah Hiang (Class of 1992), who was also an undergraduate bursary recipient.

"We are a Singaporean medical group and we want to do something special in this 50th year of our country's celebrations. We also want to celebrate the official opening of our third OncoCare branch at Mount Elizabeth Hospital in Orchard on 7 February 2015. This bursary is a meaningful way for us to do so, and we hope the students who are helped by this will in turn be inspired and encouraged, and remember to step forward to help those less fortunate one day," said Dr Tay.

Said Associate Professor Yeoh Khay Guan, the Dean of NUS Medicine, "Our students are talented, motivated and totally committed to becoming the best doctors that they can be. While many are supported by their families, we have a number of deserving students who struggle with worries over finances. A bursary takes the load off their young shoulders and allows them to focus on their studies. We are very grateful to the OncoCare Cancer Centre and our other donors for their kindness and generosity."

**THE POWER  
OF POTENTIAL**  
REALISING POTENTIAL THROUGH PHILANTHROPY

# NUS GIVING

## Giving to the Next Generation

Over the last 110 years, the NUS Yong Loo Lin School of Medicine has trained generations of doctors, helping care for the health of our nation.

Today, NUS Medicine is bringing together alumni to provide financial support to needy medical students through the **"Giving to the Next Generation"** Project.

Please support us by making a gift online at [nus.edu.sg/giving/medicine](http://nus.edu.sg/giving/medicine) or by calling **1-800-DEVELOP (1-800-338-3567)**.

*All gifts made during 2015 – Singapore Jubilee year – will receive a 300% tax deduction. Singapore tax residents only.*

**"The bursary gave me the privilege of participating in activities that have shaped my character to become a better physician."**

**Angeline Tey**

Phase IV medical student, Yong Loo Lin School of Medicine  
Support from alumni has allowed Angeline Tey, MBBS Class of 1981 Bursary recipient, achieve her dream of becoming a doctor.



# 3

## Calling all alumni!

### Steps to Stay Connected



#### 1

#### Update your particulars



with us via email (alumni.med@nus.edu.sg) and receive the latest news and events around school

#### 2

#### Contact Us



to plan your next class gathering!

#### 3

#### Choose your part/role



help us train the next generation of doctors.

- Admission selection committees
- Career guidance to students
- House mentor
- Mentor for student initiatives

Date	Event & Venue
May 14	<b>Official Opening of the Biosafety Level 3 (BSL-3) Laboratory</b> Level 15, Centre for Translational Medicine (CeTM), MD6, NUS
May 18 - 21 & May 26 - 29	<b>Simulation as a Teaching Tool: Instructor Course</b> Level 3, Centre for Translational Medicine (CeTM), MD6, NUS
May 23	<b>Standardized Patient Day</b> Peter and Mary Fu Lecture Theatre (LT35), Level 1, Centre for Translational Medicine (CeTM), MD6, NUS
Jun 11 - 12	<b>12<sup>th</sup> NUHS-Nagasaki Joint Symposium</b> Centre for Translational Medicine (CeTM), MD6, NUS
Jul 3	<b>Medical Dinner 2015</b> Padang & Collyer Ballrooms, Raffles City Convention Centre
Jul 6	<b>Asian Medical Students' Conference</b> Lim Seng Tjoe Lecture Theatre (LT27), NUS
Jul 12	<b>Commencement Ceremony</b> University Cultural Centre, NUS

*Details may be subject to change without prior notice.*

# Medical Dinner 2015

Come and celebrate 110 years of NUS Medicine with us.

03  
July

**Venue** : Fairmont Singapore  
**Time** : 6.30pm  
**Dress Code** : Formal

Visit <http://medicine.nus.edu.sg/corporate/meddinner15.html>

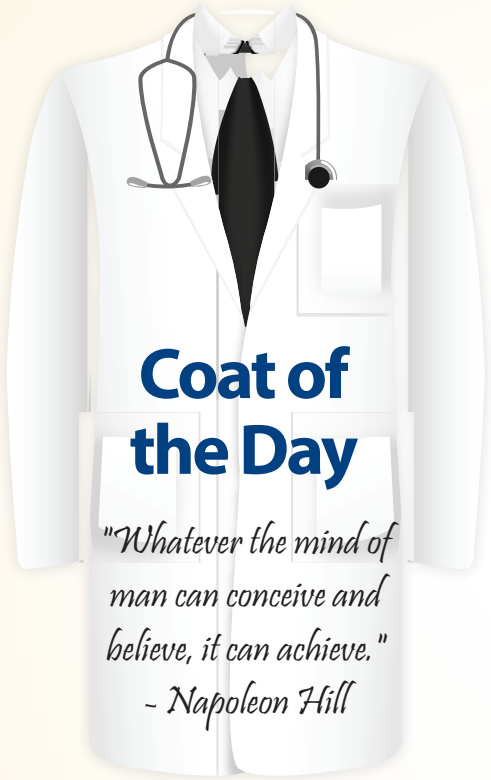
**For more details, please contact:**

Alumni – wai\_mun\_phoon@nuhs.edu.sg or luke\_siah@nuhs.edu.sg  
Others – justine\_teo@nuhs.edu.sg or cynthia\_ang@nuhs.edu.sg



Yong Loo Lin  
School of Medicine





Yong Loo Lin  
School of Medicine

Established in 1905, the NUS Yong Loo Lin School of Medicine was the first institution of higher learning in Singapore and the genesis of what would become the National University of Singapore.

The School offers one of the finest undergraduate medical programs in the Asia Pacific region and commands international recognition and respect, with latest university rankings from Quacquarelli Symonds (QS) again rating it as one of Asia's best. Globally, it is now ranked 21.

The School admits 300 students to its medical undergraduate degree programme annually. It strives to fulfil its tripartite mission of providing excellent clinical care, training the next generation of healthcare professionals, and fostering research that will transform the practice of medicine. It plays a pivotal role in producing future leaders in healthcare delivery, discovery and public service as well as in Singapore's Biomedical Sciences Initiative.

For more information about the Yong Loo Lin School of Medicine, please visit <http://medicine.nus.edu.sg/corporate/>

## White Coat Humour

Doctor: What seems to be the trouble?

Patient: Doctor, I keep getting the feeling that nobody can hear what I say.

Doctor: What seems to be the trouble?

## The Results are out!

### Congratulations to our three winners!

The correct answer for last issue's Picture Quiz is:



- Fong En Li Norman (*Class of 2017*)
- Danielle Divya RAJOO (*Senior Executive, Dean's Office*)
- Hsu Jung Pu (*Research Assistant, Department of Microbiology*)

Winners will be notified by email on prize collection.

### Centre for Life Sciences (CeLS)



#### Which food kiosk is on the left?

Submit your name, class/course (*for students*) and answer to: [alumni.med@nus.edu.sg](mailto:alumni.med@nus.edu.sg)

Contest ends on: 1st June 2015

First 3 correct answers will win a **\$10 Starbucks Card** each!

# MediCine

is brought to you by the  
Yong Loo Lin School of  
Medicine, Dean's Office.

#### Please contact:

The Editor, MediCine

Yong Loo Lin School of Medicine, Dean's Office

1E Kent Ridge Road, NUHS Tower Block, Level 11 Singapore 119228

Tel: 6772 3804 | Fax: 6778 5743

Email: [nusmed@nus.edu.sg](mailto:nusmed@nus.edu.sg) | Website: <http://medicine.nus.edu.sg>