## Symposium Program

**Day 1, 10 October 2011 (Monday)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:00 PM - 12:45 PM</td>
<td>Lunch, Registration and Arrival of Guests</td>
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<tr>
<td>1:00 PM - 1:05 PM</td>
<td>Welcome Address by Patrick CASEY</td>
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<td></td>
<td><strong>Senior Vice Dean for Research, Duke-NUS Graduate Medical School Singapore</strong></td>
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<td><strong>James B. Duke Professor of Pharmacology and Cancer Biology, Duke University Medical Center</strong></td>
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### Session 1

**Session Chair:** TOH Han Chong

- **1:05 PM - 1:50 PM**  
  TEH Bin Tean  
  Director and STaR Investigator, NCCS-VARI Translational Research Laboratory, National Cancer Centre Singapore  
  Professor, Cancer and Stem Cell Biology Program, Duke-NUS Graduate Medical School Singapore  
  *Kidney Cancer Genomics and its Clinical Implications*

- **1:50 PM - 2:35 PM**  
  Patrick TAN  
  Associate Professor, Cancer and Stem Cell Biology Program, Duke-NUS Graduate Medical School Singapore  
  Group Leader, Genome Institute of Singapore  
  *Genomic Interrogations in Gastric Cancer*

- **2:35 PM - 3:20 PM**  
  William Y.K. HWANG  
  Senior Consultant and Program Director, Hematopoietic Stem Cell Transplant Program, Singapore General Hospital  
  Assistant Professor, Cancer and Stem Cell Biology Program, Duke-NUS Graduate Medical School Singapore  
  *Hematopoietic Stem Cell Expansion*

- **3:20 PM - 3:50 PM**  
  Tea Break

- **3:50 PM - 4:35 PM**  
  ONG Sin Tiong  
  Associate Professor, Cancer and Stem Cell Biology Program, Duke-NUS Graduate Medical School Singapore  
  Associate Professor, Division of Medical Oncology, Department of Medicine, Duke University Medical Center  
  *BCR-ABL-independent Factors that Prevent the Control of CML*
4:35 PM - 5:20 PM  **David A. RIZZIERI**  
Associate Professor, Duke Cancer Institute, Division of Cellular Therapy, Duke University Medical Center  
*Immunomodulatory Strategies Post Reduced Intensity Haploidentical Transplantation*

5:20 PM - 6:05 PM  **LiM Soon Thye**  
Senior Consultant and Deputy Head, Department of Medical Oncology, National Cancer Centre Singapore  
Associate Professor, Office of Education, Duke-NUS Graduate Medical School Singapore  
*Lymphoid Malignancies in Singapore: Perspectives from a Tertiary Cancer Centre*

6:05 PM - 7:00 PM  Wine and Cheese Reception

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**Day 2, 11 October 2011 (Tuesday)**

8:00 AM - 8:15 AM  Registration and Arrival of Guests

8:25 AM - 8:30 AM  Opening Address by  
**Darren LiM Wan-Teck**  
Director, Investigational Medicine Unit, SingHealth  
Senior Consultant, Department of Medical Oncology, National Cancer Centre Singapore

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### Session 2

**Session Chair:**  **John S. SUNDY**  
Director, Duke Clinical Research Unit and Duke Global Proof of Concept Network  
Associate Professor of Medicine, Department of Medicine, Division of Pulmonary, Allergy and Critical Care, Duke University

8:30 AM - 9:15 AM  **John S. SUNDY**  
Director, Duke Clinical Research Unit and Duke Global Proof of Concept Network  
Associate Professor of Medicine, Department of Medicine, Division of Pulmonary, Allergy and Critical Care, Duke University  
*Force Multipliers: Academic Proof of Concept Research Units*

9:15 AM - 10:00 AM  **Darren LiM Wan-Teck**  
Director, Investigational Medicine Unit, SingHealth  
Senior Consultant, Department of Medical Oncology, National Cancer Centre Singapore  
*Investigational Medicine in Cancer Clinical Trials Across SingHealth and Duke-NUS*

10:00 AM - 10:30 AM  Tea Break

10:30 AM - 11:15 AM  **Daniel LASKOWITZ**  
Associate Professor, Medicine (Neurology), Neurobiology and Anesthesiology, Duke University Medical Center  
Director, Neurovascular Laboratories, Duke University Medical Center  
*Apolipoprotein E: The Long Road from Gene to Therapy*

11:15 AM - 12:00 PM  **LING Khoon Lin**  
Senior Consultant, Department of Gastroenterology and Hepatology, Singapore General Hospital  
*Regulatory T cells in Translational Research: Two Examples*

12:00 PM - 1:00 PM  Lunch

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### Session 3

**Session Chair:**  **Subhash VASUDEVAN**  
Associate Professor, Emerging Infectious Diseases Program, Duke-NUS Graduate Medical School Singapore
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| 1:00 PM - 1:45 PM | Mary E. KLOTMAN (KEYNOTE SPEAKER)  
R. J Reynolds Professor of Medicine  
Chair, Department of Medicine, Duke University School of Medicine | Pathogenesis of HIV-Associated Nephropathy from Mice to Men                                      |
| 1:45 PM - 2:30 PM | OOI Eng Eong                                    | The Interactions Between Dengue Virus, Antibodies and Monocytes: From Immunity to Pathogenesis |
| 2:30 PM - 3:15 PM | Geoffrey S. GINSBURG                           | The Host Response to Infectious Diseases – A Novel Paradigm for Developing Biomarkers of Health and Disease |
| 3:15 PM - 3:45 PM | Tea Break                                      |                                                                                                 |
| 3:45 PM - 4:30 PM | Anna Mae DIEHL                                 | Fixing Broken Livers                                                                             |
| 4:30 PM - 5:15 PM | Pierce K.H. CHOW                               | Xenografts from Patient Explants: Are They More Predictive of Clinical Response to Therapeutics? |
| 5:15 PM - 6:00 PM | Michael S. HERSFIELD                           | Enzyme Replacement for Disorders of Purine Metabolism - Translating Two Orphans                  |

**Day 3, 12 October 2011 (Wednesday)**

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<td>TAN Eng King</td>
<td>Parkinson’s Disease: Highlights of Programme in Singapore</td>
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**Session 4**

**Session Chair:** Dale PURVES  
Professor and Director in Neuroscience and Behavioral Disorders Program, Duke-NUS Graduate Medical School Singapore  
Executive Director, A*STAR Neuroscience Research Partnership

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| 10:00 AM - 10:45 AM | Tin AUNG                      | Senior Consultant and Head, Glaucoma Service, Singapore National Eye Centre  
Deputy Director, Singapore Eye Research Institute  
*New Insights into Angle Closure Glaucoma* |
| 10:45 AM - 11:15 AM | Tea Break                      |                                                                      |
| 11:15 AM - 12:00 PM | Yuan-Tsong CHEN (KEYNOTE SPEAKER) | Professor, Department of Pediatrics, Duke University Medical Center  
Distinguished Research Fellow, Institute of Biomedical Sciences, Academia Sinica, Taiwan  
*Pharmacogenomics of Adverse Drug Reactions: Toward Personalized Medicine* |
| 12:00 PM - 12:45 PM  | Michael CHEE                   | Professor, Neuroscience and Behavioral Disorders Program, Duke-NUS Graduate Medical School Singapore  
Member, Brain Imaging and Analysis Center, Duke University  
*Overcoming Information Processing Limits in Sleep Deprived Persons* |
| 12:45 PM - 1:30 PM | Lunch                          |                                                                      |

### Session 5 (PANEL SESSION): Challenges and Opportunities in Translational Medicine

**Moderator:** Krishna UDAYAKUMAR  
Director, Duke Medicine Global  
Assistant Professor, Global Health and Medicine, Duke University

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Professor, Department of Psychiatry and Behavioral Sciences, Duke University  
*Chance Favors the Prepared Mind or Why We Need to Look for Black Swans* |
| 1:45 PM - 2:00 PM | Robert M. CALIFF               | Vice Chancellor, Clinical Research, Department of Medicine, Duke University School of Medicine  
Professor, Department of Medicine, Duke University School of Medicine  
*Developing Technologies on a Global Scale* |
| 2:00 PM - 2:15 PM | Sam LIM                        | Chief Operating Officer, Singapore Clinical Research Institute Pte Ltd  
Professor and Acting Associate Dean, Office of Clinical Sciences, Duke-NUS Graduate Medical School Singapore  
*Understanding Asthma through Translational Medicine* |
| 2:15 PM - 2:30 PM | Markus DANGL                   | Head Preclinical Research, Academic Alliances, Roche  
*Collaborating with the Roche Singapore Translational Medicine Hub* |
| 2:30 PM - 2:45 PM | TAN Say Beng                   | Executive Director, National Medical Research Council  
*Finding Opportunities in Challenges: A Singapore Funder’s Perspective* |
| 2:45 PM - 3:45 PM | DISCUSSION WITH PANEL MEMBERS  |                                                                      |
| 3:45 PM - 3:50 PM | Closing Remarks               |                                                                      |
| 3:50 PM - 5:30 PM | WORKSHOPS                     |                                                                      |
| 5:30 PM - 6:30 PM | Wine and Cheese Reception     |                                                                      |