Message from Dean Ranga Krishnan

Since the inception of Duke-NUS Graduate Medical School seven years ago, I am pleased to report that our Research activities have made great strides. We have attained prestigious awards, hosted world-class conferences & symposia, published extensively in peer-reviewed journals, clinched competitive research funding, registered patents and inventions, and are actively collaborating with several local and international entities. We hope the Research Achievements-At-A-Glance on the next page gives you a quick visual capture of these updates.
Major advances in genomics of gastric, liver, lung and blood cancers

- 44 invention disclosures
- Registered 2 trademarks
-Filed 28 patent applications
-Awarded 3 licenses

Partnership with MOH in Health Services and Palliative Care Research

Established Singapore Dengue Consortium with DSO National Laboratories and other entities

Created 64 Open Access Voice-Annotated Presentations on Clinical Research Principles

32 SingHealth clinical researchers trained through the Khoo Scholars Program over 3 years

Formed Centre for Quantitative Medicine – an academic home for SingHealth/Duke-NUS statisticians and epidemiologists

Collaboration with Abbott Nutrition R&D Singapore on effects of nutritional compounds on synaptic plasticity

Collaboration with AstraZeneca AB, Sweden on ceramide synthases & metabolic disease

Collaboration with GSK on functional integration of endogeneous and implanted stem cells into existing CNS

Publications

> 700 research papers in peer-reviewed journals

Faculty Growth

114 as at 31 August 2012:
- 56% hold full time appointments
- 20% hold dual appointments with Duke University
- 17% hold dual appointments with SingHealth entities
- 43% are clinically trained

Clinician Scientist Awards

- 6 STaR Investigator Awardees
- 11 Clinician Scientist Awardees
- 5 Transition Awardees

Competitive Research Funding

S$153.42M as at 30 Sep 2012 with annual competitive research funding in excess of S$25M

Industry Funding

Out of our total competitive research funding, S$2.99M are from 11 industry agreements entered into with companies
Research Publications

Duke-NUS Graduate Medical School Singapore Publications of Faculty Members

![Bar Chart Showing Publication Trends]

- **2006**: Total: 4, 2 JIF ≥ 5, 1 JIF 2 ≤ JIF < 5, 1 < JIF < 2
- **2007**: Total: 15, 4 JIF ≥ 5, 7 JIF 2 ≤ JIF < 5, 4 < JIF < 2
- **2008**: Total: 64, 30 JIF ≥ 5, 27 JIF 2 ≤ JIF < 5, 7 < JIF < 2
- **2009**: Total: 116, 39 JIF ≥ 5, 54 JIF 2 ≤ JIF < 5, 23 < JIF < 2
- **2010**: Total: 187, 69 JIF ≥ 5, 84 JIF 2 ≤ JIF < 5, 34 < JIF < 2
- **2011**: Total: 260, 98 JIF ≥ 5, 122 JIF 2 ≤ JIF < 5, 40 < JIF < 2

**Total Publications**: 260
Cumulative Number of Regular Rank Research Faculty

Duke-NUS Graduate Medical School Singapore
Cumulative Number of Regular Rank Research Faculty

Footnote: Regular rank research faculty include academic staff from Office of Research and Office of Clinical Sciences.
# Distribution of Projected Cashflow for Local and Non-Local Competitive Funding Received

## Distribution of Projected Cashflow

<table>
<thead>
<tr>
<th>Year</th>
<th>Local ($M)</th>
<th>Industry &amp; Foreign ($M)</th>
<th>Cumulative ($M)</th>
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<td>0.00</td>
<td>1.32</td>
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</table>

*Note: Cumulative amounts represent the total cashflow received from FY06 to the respective fiscal year.*