Message from Dean Ranga Krishnan

Since the inception of Duke-NUS Graduate Medical School eight 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

Partnership with MOH in Health Services and Palliative Care Research

Established Singapore Dengue Consortium with DSO National Laboratories and other entities

Formed Centre for Cognitive Neuroscience with major imaging capabilities

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

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

- 55 invention disclosures
- Registered 2 trademarks
- Filed 37 patent applications
- Awarded 5 licenses
- Granted 1 patent

Publications

> 1,000 research papers in peer-reviewed journals

Faculty Growth

134 as at 30 June 2013:
- 53% hold full-time appointments
- 19% hold dual appointments with Duke University
- 22% hold dual appointments with SingHealth entities
- 46% are clinically trained

Research Scientist Awards

- 8 STaR Investigator Awardees
- 15 Clinician Scientist Awardees
- 9 Transition Awardees
- 4 NRF Fellows

Competitive Research Funding

- S$213.68M as at 31 July 2013 with annual competitive research funding in excess of S$25M

Launch of Academic Medicine Research Institute: 5 Nov, 2012

Established Singapore Dengue Consortium with DSO National Laboratories and other entities

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
Research Publications

Duke-NUS Graduate Medical School Singapore Publications of Faculty Members

Count of Research Publications by Year and Impact Factor

- **2006**: Total 4 publications, 1 with JIF ≥ 5, 0 with 2 ≤ JIF < 5, 0 with 0 < JIF < 2
- **2007**: Total 15 publications, 4 with JIF ≥ 5, 0 with 2 ≤ JIF < 5, 1 with 0 < JIF < 2
- **2008**: Total 64 publications, 11 with JIF ≥ 5, 7 with 2 ≤ JIF < 5, 0 with 0 < JIF < 2
- **2009**: Total 116 publications, 39 with JIF ≥ 5, 23 with 2 ≤ JIF < 5, 0 with 0 < JIF < 2
- **2010**: Total 187 publications, 69 with JIF ≥ 5, 34 with 2 ≤ JIF < 5, 0 with 0 < JIF < 2
- **2011**: Total 250 publications, 98 with JIF ≥ 5, 40 with 2 ≤ JIF < 5, 0 with 0 < JIF < 2
- **2012**: Total 327 publications, 104 with JIF ≥ 5, 165 with 2 ≤ JIF < 5, 0 with 0 < JIF < 2
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 (as of 31 Jul 2013)

<table>
<thead>
<tr>
<th>Financial Year</th>
<th>Local ($S$M)</th>
<th>Industry &amp; Foreign ($S$M)</th>
<th>Cumulative ($S$M)</th>
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