



SIARAN MEDIA

KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI

FORUM DR RANJEET BHAGWAN SINGH KETENGAH PENJAGAAN KESIHATAN DIPERKASA AI UNTUK HASIL KESIHATAN LEBIH BAIK

KUALA LUMPUR, 13 OGOS 2026 – Kementerian Sains, Teknologi dan Inovasi (MOSTI) hari ini mengetengahkan Inisiatif Berorientasikan Misi (MOI) Kebangsaan bagi Pemerkasaan Penjagaan Kesihatan Digital pada Forum Peringatan Tahunan Dr Ranjeet Bhagwan Singh 2026 dan Pengumuman Penerima Geran Penyelidikan Perubatan RBS.

Forum tahunan yang menghimpunkan saintis perubatan terkemuka itu dianjurkan bagi meneruskan legasi mendiang Dr Ranjeet Bhagwan Singh dalam memupuk generasi baharu penyelidik muda dalam bidang perubatan dan bioperubatan. Bertemakan “Penjagaan Kesihatan Pintar Memanfaatkan Kecerdasan Buatan untuk Kesejahteraan Rakyat”, forum tahunan ini mengetengahkan peranan sains, teknologi dan inovasi dalam memperkukuh ekosistem penyelidikan penjagaan kesihatan negara.

Menteri Sains, Teknologi dan Inovasi, YB Datuk Chang Lih Kang berkata, MOI Kebangsaan bagi Pemerkasaan Penjagaan Kesihatan Digital yang diterajui Akademi Sains Malaysia (ASM) dengan kerjasama kementerian serta agensi berkaitan, menyokong usaha Malaysia ke arah menjadi negara yang dipacu kecerdasan buatan (AI) di bawah Rancangan Malaysia Ketiga Belas (RMK13).

“MOI Kebangsaan bagi Pemerkasaan Penjagaan Kesihatan Digital akan melangkaui pelaksanaan projek digital secara berasingan dengan menyatu usaha kerajaan, penyedia perkhidmatan kesihatan, penyelidik, industri dan komuniti bagi mencapai hasil nasional yang boleh diukur, termasuk kesinambungan penjagaan yang lebih baik, pengesanan penyakit lebih awal, akses yang lebih saksama serta sistem kesihatan yang lebih berdaya tahan,” katanya.

Dalam ucapannya, YB Datuk Chang Lih Kang turut menggalakkan pihak berkepentingan termasuk entiti korporat, organisasi filantropi, kumpulan komuniti serta individu dalam ekosistem sains perubatan dan kesihatan, untuk menyokong pertumbuhan Akaun Amanah Tabung Penyelidikan Perubatan RBS.

Bagi menyokong usaha MOI Kebangsaan bagi Penjagaan Kesihatan Digital, inisiatif mewujudkan *Malaysia Observational Health Data Sciences and Informatics (OHDSI) Chapter* yang diterajui ASM dengan kerjasama Kementerian Kesihatan Malaysia, khususnya Institut Kesihatan Negara, serta disepadukan dengan Platform Sains Terbuka Malaysia, merupakan langkah penting ke arah mewujudkan platform kerjasama di peringkat kebangsaan. OHDSI menggalakkan penggunaan piawaian data yang seragam bagi membolehkan analisis data kesihatan dilaksanakan secara lebih konsisten, bertanggungjawab dan bermakna merentas institusi serta sistem yang berbeza, sekali gus memajukan penyelidikan, inovasi dan hasil penjagaan kesihatan yang lebih baik.

Presiden ASM merangkap Penasihat Sains, Teknologi dan Inovasi kepada Perdana Menteri dan Negara, Academician Datuk Dr Tengku Mohd Azzman Shariffadeen FASc berkata, "Usaha ini adalah untuk menangani isu sistemik, memajukan ekosistem data yang saling beroperasi serta mempercepat penterjemahan pengetahuan kepada amalan. Menerusi pendekatan ini, kita berharap dapat beralih daripada inisiatif digital yang berpecah ke arah sistem penjagaan kesihatan yang benar-benar saling berhubung dan mampu memberikan hasil lebih baik kepada seluruh rakyat Malaysia."

Pada majlis tersebut, Ir. Dr Low Liang Ee dari Monash University Malaysia diumumkan sebagai penerima Geran Penyelidikan Perubatan RBS 2026 menerusi projek bertajuk *Development of pH-sensitive Morphological Transformable Nanoparticles for Tumor-specific Accumulation, Prolonged Retention and Magnetic Hyperthermia Therapy*.

Akaun Amanah Tabung Penyelidikan Perubatan Dr Ranjeet Bhagwan Singh ditubuhkan pada 1997 melalui visi mendiang Dr Ranjeet Bhagwan Singh, bekas Pengarah Institut Penyelidikan Perubatan (IMR) yang juga seorang dermawan yang berpandangan jauh dalam bidang sains perubatan dan kesihatan. Sehingga kini, dana berkenaan telah menyokong 29 projek penyelidikan dan 11 bengkel teknikal, sekali gus memberi sumbangan berimpak kepada kemajuan penyelidikan perubatan dan bioperubatan di Malaysia.

#TAMAT#

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PRESS RELEASE

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

DR RANJEET BHAGWAN SINGH FORUM HIGHLIGHTS AI-ENABLED HEALTHCARE FOR BETTER HEALTH OUTCOMES

KUALA LUMPUR, 13 AUGUST 2026 – The Ministry of Science, Technology and Innovation (MOSTI) highlighted the National Mission-Oriented Initiative (MOI) on Empowerment of Digital Healthcare at the 2026 Dr Ranjeet Bhagwan Singh Annual Memorial Forum and the Announcement of the RBS Medical Research Grant today.

The forum which brings together prominent medical scientists, is organised annually to continue the legacy of the late Dr Ranjeet Bhagwan Singh in nurturing young medical and biomedical researchers. The theme of this year's forum "AI-Enabled Healthcare for Smarter Solutions and Well-Being" highlighted how science, technology and innovation can strengthen Malaysia's healthcare research ecosystem.

YB Datuk Chang Lih Kang, Minister of Science, Technology and Innovation, said the National MOI on Empowerment of Digital Healthcare, led by the Academy of Sciences Malaysia (ASM) in collaboration with key ministries and agencies, supports Malaysia's journey towards becoming an AI-powered nation under the 13th Malaysia Plan.

"The National MOI on Empowerment of Digital Healthcare will move beyond fragmented digital projects and mobilise government, healthcare providers, researchers, industry and communities around measurable national outcomes, including improved continuity of care, earlier disease detection, more equitable access and a more resilient health system," he said.

During his speech, YB Datuk Chang Lih Kang also encouraged like-minded stakeholders, including corporate entities, philanthropic organisations, community groups and individuals in the medical and health sciences ecosystem, to support the growth of the RBS Medical Research Trust Fund.

To support the effort of the National MOI on Empowerment of Digital Healthcare, the Malaysia Observational Health Data Sciences and Informatics, or OHDSI, Chapter pursued by ASM in collaboration with the Ministry of Health Malaysia, particularly the National Institutes of Health, and linked with the Malaysia Open Science Platform, marks an important step towards creating a national platform for collaboration. OHDSI promotes the use of common data standards to enable more consistent, responsible and meaningful analysis of health data across different institutions and systems to advance research, innovation and better healthcare outcomes.

Academician Datuk Dr Tengku Mohd Azzman Shariffadeen FASc, ASM President and Science, Technology and Innovation Advisor to the Prime Minister and the Nation said, “This is about addressing systemic issues and advancing interoperable data ecosystems as well as accelerating the translation of knowledge into practice. With this approach, we hope to move beyond fragmented digital initiatives towards a truly connected healthcare system that delivers better outcomes for all Malaysians.”

At the event, Ir. Dr. Low Liang Ee from Monash University Malaysia was announced as the recipient of the 2026 RBS Medical Research Grant for the project on *Development of pH-sensitive Morphological Transformable Nanoparticles for Tumor-specific Accumulation, Prolonged Retention and Magnetic Hyperthermia Therapy*.

The Dr Ranjeet Bhagwan Singh Medical Research Trust Fund was established in 1997 through the vision of the late Dr Ranjeet Bhagwan Singh, former Director of the Institute of Medical Research (IMR), and a visionary philanthropist in the field of medical and health sciences. To date, the Dr Ranjeet Bhagwan Singh Medical Research Trust Fund has supported 29 research projects and 11 technical workshops, contributing significantly to the advancement of medical and biomedical research in Malaysia.

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