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Press Release

Immediate Release

HKSTP and MGI Signed Strategic Partnership Agreement to Forge World-class Life Science Innovation Platform

MGI also launched a new AI tool “αLab Studio” and announced collaborations with six top research institutes in Science Park

(Hong Kong, 10 September 2024) – The Hong Kong Science and Technology Parks Corporation (HKSTP) and MGI Tech Co. (MGI) signed a strategic partnership agreement. MGI also announced cooperations with six scientific research institutions and enterprises in Science Park, including InnoHK’s Hong Kong Center for Neurodegenerative Diseases (HKCeND); InnoHK’s Centre for Regenerative Medicine and Health, Hong Kong Institute of Science & Generation, Chinese Academy of Sciences (CRMH, HKISI-CAS); Quantum Life; Asia Molecular Diagnostic Laboratory Limited; Codex Genetics and GemVCare. These collaborations aim to jointly build a world-class life science innovation platform in Hong Kong to propel the development of global innovation ecosystem. Additionally, MGI launched its latest product “αLab Studio” which integrates artificial intelligence technology and automation. The new laboratory management platform will reduce the time for designing experiments and simplify the process of research and experiments.

The signing ceremony was held during the Future of Omics Conference hosted by MGI. Witnessed by Professor Sun Dong, Secretary for Innovation, Technology and Industry of the Hong Kong SAR; Dr Sunny Chai, Chairman of HKSTP; Jian Wang, Chairman of MGI; and Duncan Yu, President of MGI, Gracie Ng, Chief of Staff of HKSTP and Siyuan Lin, Director of MGI, Hong Kong, Macao and Taiwan, signed the agreement.

Professor Sun Dong, Secretary for Innovation, Technology and Industry, said, “Our strategic location, world-class infrastructure, strong scientific research capabilities and extensive global connectivity make Hong Kong an ideal destination for nurturing cutting-edge research and development (R&D). The Hong Kong Innovation and Technology Development Blueprint also clearly indicated our development focus on technology industries of strategic importance, including life and health technology. I am delighted to learn that MGI has decided to deepen its collaboration with the Hong Kong Science Park by strengthening their strategic partnership with a view to establishing a R&D centre in Hong Kong, and establish partnership with six partner companies including two of our InnoHK research centres. I look forward to seeing the fruits of the collaborations that will propel the development of precision medicine in Hong Kong.”

Jian Wang, Chairman of MGI, envisioned a promising future of Hong Kong life science ecosystem, “Top-notch scientific research should result in high-quality industries, and that cutting-edge science should lead to cutting-edge industries. Scientific exploration and industrial development are closely linked. The Greater Bay Area is known for bringing together top talent and is rich in innovative vitality. These advantages provide exclusive power to promote the translation of scientific research results and connect with the global technology innovation system. We anticipate a thriving and prosperous

life science development through the close integration of science and industry, ultimately contributing to the happiness of humanity."

Dr Sunny Chai, Chairman of HKSTP, said, "Together with MGI, we embark on a transformative journey that will redefine the landscape of biotechnology and precision medicine, shaping the future in ways we have yet to imagine. We anticipate that MGI's presence will attract a host of ecosystem partners, reinforcing Hong Kong's status as a strategic hub for global expansion. This will spark further collaborations and innovations across the region, solidifying our position on the world stage."

Duncan Yu, President of MGI, said, "While MGI's mission is to develop and promote advanced life science tools for future healthcare, the application of these tools in frontier research truly gives them meaning and value. We are excited to hand with all the institutions and companies in Hong Kong Science and Technology Park to build a synergetic innovation ecosystem, providing advanced and user-friendly multi-omics tools for more cutting-edge scientific research and its translational application. This initiative aims to empower the innovation ecosystem in Hong Kong and contribute to making life science innovations accessible to everyone. "

MGI signed strategic cooperation agreements with six research institutes and enterprises in Science Park, namely InnoHK's HKCeND; InnoHK's CRMH, HKISI-CAS, Chinese Academy of Sciences; Quantum Life; Asia Molecular Diagnostic Laboratory Limited; Codex Genetics and GemVCare. MGI will provide the above strategic partners with advanced life science tools to accelerate translational research in the fields of neurodegenerative diseases, regenerative medicine, integration of quantum technology and artificial intelligence, molecular diagnostics, precision medicine, precision genomics, and diabetes, among others.

Under the collaboration, MGI and HKSTP and will build a world-leading laboratory of advanced life science together to provide researchers with state-of-art equipments including gene DNBSEQ sequencing, CycloneSeq sequencing, single-cell and spatial-transcriptomics analysis. Apart from organising regular international conferences and seminars for start-ups to connect with international experts and investors, both parties will cultivate high-skilled talents to bolster the development of life sciences in Hong Kong and around the world, with a view to enhancing public health.

Yang Meng, Assistant General Manager of MGI, announced the launch of α Lab Studio, MGI's intelligent laboratory assistant, to the market. Integrating cutting-edge AI technology with MGI's automation technique, α Lab Studio aims to address end users' pain point of manual operation during experiments. α Lab Studio supports voice input, provides an interactive experience with an interface visualising experiment design, and uses AI large language models (LLM) to generate experiment plans. Users can compose and adjust computer codes as needed, enhancing the flexibility and personalization of experiments.

With a large amount of R&D data training, α Lab Studio can effectively understand the requirements of experiments, improve the design of workflows, automatically set equipment parameters, and accurately generate computer coding to ensure the accuracy and efficiency of experiments. Based on users' feedback in early-stage trials, α Lab Studio has shortened the time for designing experiments

and writing computer codes by 40% and 60% respectively, significantly simplifying the process of experiments in scientific research.

MGI established its presence at Science Park last year and set up the α Lab to allow more users to enjoy one-stop intelligent multi-omics solutions conveniently in Hong Kong, Macau, Taiwan and the Asia-Pacific region. In March this year, MGI signed a partnership with the Office for Attracting Strategic Enterprises (OASES) of the Hong Kong SAR Government. It is a core member in fostering the development of new quality productive forces in Hong Kong's life science.



Photo 1: Witnessed by Professor Sun Dong, Secretary for Innovation, Technology and Industry (2nd from left); Dr Sunny Chai, Chairman of HKSTP (1st from left); Jian Wang, Chairman of MGI (2nd from right); and Duncan Yu, President of MGI (1st from right), Gracie Ng, Chief of Staff of HKSTP (left, front row) and Siyuan Lin, Director of MGI, Hong Kong, Macao and Taiwan (right, front row), signed the agreement.



Photo 2: Professor Sun Dong said he was delighted to learn that MGI has decided to deepen its collaboration with the Hong Kong Science Park by strengthening their strategic partnership with a view to establishing a R&D centre in Hong Kong, and establish partnership with six partner companies, propelling the development of precision medicine in Hong Kong.



Photo 3: Dr Sunny Chai said that HKSTP and MGI have embarked on a transformative journey that will redefine the landscape of biotechnology and precision medicine, shaping the future in ways we have yet to imagine.



Photo 4: Duncan Yu said that MGI was excited to hand with all the institutions and companies in HKSTP to build a synergetic innovation ecosystem, providing advanced and user-friendly multi-omics tools for more cutting-edge scientific research and its translational application, contributing to making life science innovations accessible to everyone.



Photo 5: Vincent Lin, Director of Hong Kong, Macau & Taiwan of MGI and Professor Tom Cheung, Assistant Director of InnoHK's HKCeND signed a strategic cooperation agreement.



Photo 6: Vincent Lin, Director of Hong Kong, Macau & Taiwan of MGI and Dr Pan Guangjin, Director of InnoHK's CRMH, HKISI-CAS signed a strategic cooperation agreement.



Photo 7: Vincent Lin, Director of Hong Kong, Macau & Taiwan of MGI and Dr Christine Huang Yuan, Technology Transfer Director of Quantum Life signed a strategic cooperation agreement.



Photo 8: Vincent Lin, Director of Hong Kong, Macau & Taiwan of MGI and Dr Lai Chun Wan, Medical Laboratory Director of Asia Molecular Diagnostic Laboratory Limited signed a strategic cooperation agreement.



Photo 9: Vincent Lin, Director of Hong Kong, Macau & Taiwan of MGI and Dr Aldrin Yim, CEO of Codex Genetics signed a strategic cooperation agreement.



Photo 10: Vincent Lin, Director of Hong Kong, Macau & Taiwan of MGI and Dr Cadmon Lim, COO of GemVcare signed a strategic cooperation agreement.

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About MGI

MGI Tech Co., Ltd. (and its subsidiaries, together referred to as MGI) is committed to building core tools and technologies that drive innovation in life science. Our focus lies in research & development, manufacturing, and sales of instruments, reagents, and related products in the field of life science and biotechnology. We provide real-time, multi-omics, and a full spectrum of digital equipment and systems for precision medicine, agriculture, healthcare, and various other industries.

Founded in 2016, MGI has grown into a leader in life science, serving customers across six continents and establishing research, manufacturing, training, and after-sales service facilities globally. MGI stands out as one of the few companies capable of independently developing and mass-producing clinical-grade gene sequencers with varying throughput capacities, ranging from Gb to Tb levels. With unparalleled expertise, cutting-edge products, and a commitment to global impact, MGI continues to shape the trajectory of life sciences into the future.

For more information, please visit the MGI [website](#) or connect with us on [Twitter](#), [LinkedIn](#) or [YouTube](#).

About Hong Kong Science and Technology Parks Corporation

Hong Kong Science and Technology Parks Corporation (HKSTP) was established in 2001 to create a thriving I&T ecosystem grooming 13 unicorns, more than 15,000 research professionals and over 2,000 technology companies from 28 countries and regions focused on developing healthtech, AI and robotics, fintech and smart city technologies, etc.

Our growing innovation ecosystem offers comprehensive support to attract and nurture talent, accelerate and commercialise innovation for technology ventures, with the I&T journey built around our key locations of Hong Kong Science Park in Pak Shek Kok, InnoCentre in Kowloon Tong and three modern InnoParks in Tai Po, Tseung Kwan O and Yuen Long realising a vision of new industrialisation for Hong Kong, where sectors including advanced manufacturing, micro-electronics and biotechnology are being reimaged.

Hong Kong Science Park Shenzhen Branch in Futian, Shenzhen plays positive roles in connecting the world and the mainland with our proximity, strengthening cross-border exchange to bring advantages in attracting global talent and allowing possibilities for the development of technology companies in seven key areas: Medtech, big data and AI, robotics, new materials, microelectronics, fintech and sustainability, with both dry and wet laboratories, co-working space, conference and exhibition facilities, and more.

Through our R&D infrastructure, startup support and enterprise services, commercialisation and investment expertise, partnership networks and talent traction, HKSTP continues contribute in establishing I&T as a pillar of growth for Hong Kong.

More information about HKSTP is available at www.hkstp.org.

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