

OUR YEAR AT A GLANCE

年度大事速覽

Good Progress of Hong Kong Genome Project (HKGP) 順利推展香港基因組計劃

30,000+ 

HKGP participants,
with recruitment channels expanded
to 10 public hospitals
香港基因組計劃參加者
招募渠道擴展至10間公立醫院

4,000+ TB

Genomic data processed,
equivalent to over 2,150 iPads (2 TB each)
已處理的基因組數據
容量相當於超過2,150部iPad(每部2TB)

Achievements in Advancing Genomic Research 積極推動基因組醫學研究

Synergistic Research Environment 協同合作研究平台

Launched this secure platform to
inspire genomic research and
scientific discoveries
設立安全數據平台
啟發基因組醫學研究及創新

High-impact Research Papers 具影響力研究論文

Published papers in renowned journals
to facilitate knowledge and
experience exchanges
於國際權威期刊發表論文
促進知識及經驗交流



Proactive Engagement with the Community 廣泛接觸社會各界

4,000+ 

Healthcare professionals and students
engaged through over 40 events
醫護專業人員及學生
參與基因組中心逾40場活動

Patient Forum 病友分享會

Hosted HKGI's first Patient Forum,
engaging over 70 patients and
patient group leaders
首次舉辦分享會，與超過70位病友
及病人組織領袖交流

Visit of Legislative Council Members 立法會議員到訪

Engaged with the Panel on Health
Services to promote HKGI's work and
genomic medicine
向立法會衛生事務委員會
介紹工作進度及基因組醫學

LinkedIn 社交平台專頁

Launched HKGI's page to extend
connections with local and global
professionals
開設專頁，加強聯繫本地
及國際專家

International Awards for Corporate Publications 機構刊物屢獲國際殊榮

Annual Report 年報2022-23

LACP Vision Awards 2023
Platinum Award 鉑金獎

Mercury Excellence Awards 2023/24
Silver Award 銀獎

Expert Videos 專家短片系列

The Communicator Awards 2024
Excellence Award (Gold)
卓越獎(金獎)

Key Moments in
2023-24
年度回顧



Driving Genomic Medicine to Deliver Patient Benefits 推動基因組醫學 惠及病人



Implemented the Hong Kong Genome Project (HKGP) smoothly with support from the Health Bureau and various partners. As of June 2024, over 30,000 participants had been recruited, covering undiagnosed diseases, hereditary cancers, and cases related to genomics and precision health. In addition to the three established partnering centres at the Hong Kong Children's Hospital, Prince of Wales Hospital, and Queen Mary Hospital, seven new referring networks were added to expand patient recruitment networks, namely Alice Ho Miu Ling Nethersole Hospital, Grantham Hospital, Pok Oi Hospital, The Duchess of Kent Children's Hospital at Sandy Bay, Tin Shui Wai Hospital, Tuen Mun Hospital and Tung Wah Hospital.

在醫務衛生局及各合作夥伴大力支持下，香港基因組中心（基因組中心）繼續順利推展香港基因組計劃（基因組計劃）。截至2024年6月，團隊已招募超過30,000名參加者，涵蓋未能確診病症、與遺傳有關的癌症、以及與基因組學及精準醫學相關的個案。除了香港兒童醫院、威爾斯親王醫院和瑪麗醫院三間夥伴中心，基因組中心亦新增了七間合作網絡，包括雅麗氏何妙齡那打素醫院、葛量洪醫院、博愛醫院、大口環根德公爵夫人兒童醫院、天水圍醫院、屯門醫院及東華醫院，以擴大招募病人的工作。

30,000+

HKGP Participants
香港基因組計劃參加者

Patient Recruitment Booklets
招募病人資料冊



3 Partnering Centres 夥伴中心

- Hong Kong Children's Hospital
香港兒童醫院
- Prince of Wales Hospital
威爾斯親王醫院
- Queen Mary Hospital
瑪麗醫院

7 Referring Networks 合作網絡

- Alice Ho Miu Ling Nethersole Hospital
雅麗氏何妙齡那打素醫院
- Grantham Hospital
葛量洪醫院
- Pok Oi Hospital
博愛醫院
- The Duchess of Kent Children's Hospital at Sandy Bay
大口環根德公爵夫人兒童醫院
- Tin Shui Wai Hospital
天水圍醫院
- Tuen Mun Hospital
屯門醫院
- Tung Wah Hospital
東華醫院



Organised HKGI's first Patient Forum to interact with patients and introduce HKGP, the potential of genomic medicine, and application cases. The event brought together close to 70 patients and guests, including influential patient leaders from Rare Disease Hong Kong and Hong Kong Alliance of Patients' Organization, as well as members from various patient groups covering kidney disease, cancer, diabetes, haemophilia, and many others.

舉辦基因組中心首個病友共聚分享會，與病友們交流互動，介紹基因組計劃的詳情、發展基因組醫學可帶來的裨益和臨床案例。分享會有近70名病人和資深病人組織領袖參加，包括香港罕見疾病聯盟、香港病人組織聯盟、以及腎病、癌症、糖尿病、血友病等多個病友團體的代表。



Engaging with the Legislators for Dialogue 積極接觸立法會議員 建立聯繫



Hosted a visit for members of the Legislative Council Panel on Health Services in the company of the Health Bureau to introduce HKGI's achievements in implementing HKGP and the benefits brought to patients and their families. Seven members, including the Chairman and the Deputy Chairman, were present to receive briefing from HKGI. Through this engagement, HKGI successfully established rapport with the legislators, paving the way for fruitful exchanges in future.

聯同醫務衛生局接待到訪的立法會衛生事務委員會委員，向他們簡介基因組計劃及相關工作如何惠及病人和其家屬。七名議員包括委員會主席及副主席出席參觀活動，並聽取基因組中心的工作匯報。藉此會面，基因組中心與立法會議員建立緊密聯繫，為日後的交流奠定良好基礎。

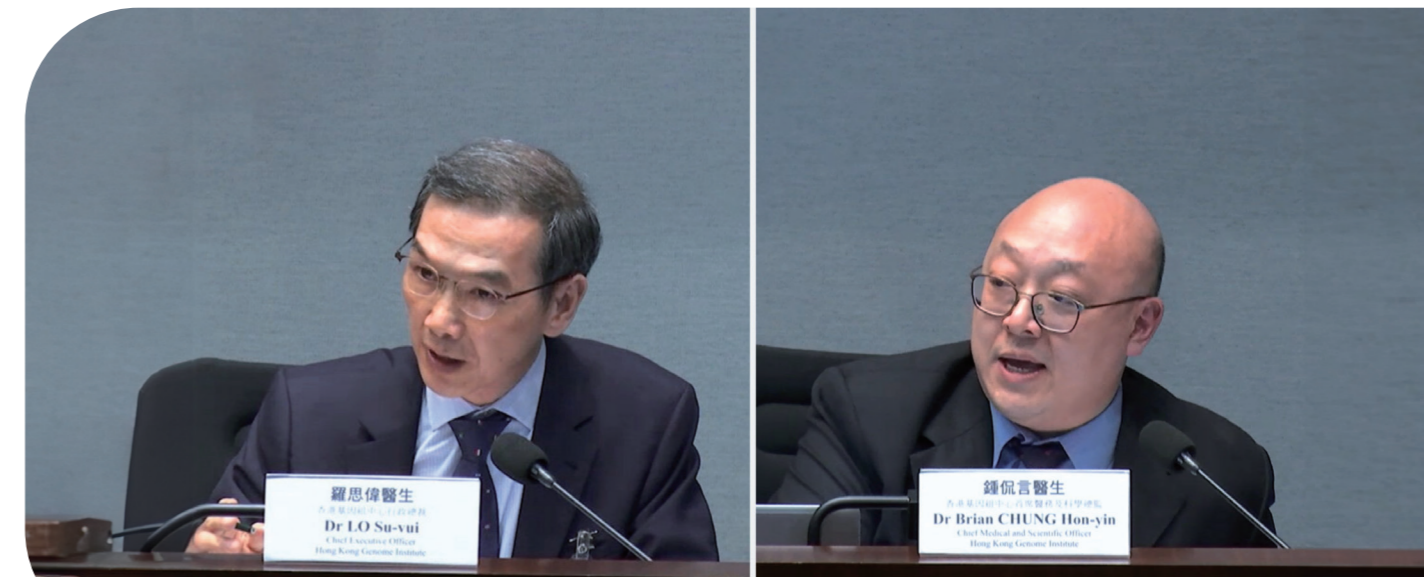


Accompanied the Health Bureau and attended the Legislative Council Panel on Health Services meeting to report on the implementation progress and accomplishments of HKGP. Members were impressed by the positive outcomes and life-changing impacts the Project has brought about, commending HKGI's work and genomic medicine as "the future of medicine".

在醫務衛生局帶領下出席立法會衛生事務委員會會議，匯報基因組計劃的進度及成效。議員們正面評價基因組計劃，認為其切實改變病人生命，並讚揚基因組中心的工作和基因組醫學是「醫學的未來」。



推行香港基因組計劃 Implementation of the Hong Kong Genome Project



推行香港基因組計劃 Implementation of the Hong Kong Genome Project

Raising Public Awareness Online and Offline 多管齊下 加強公眾教育和認同



Engaged with local media proactively to raise public awareness of HKGI and the benefits brought by genomic medicine. The extensive coverage generated across print and electronic media has effectively increased public understanding and appreciation for HKGI's mission and achievements.

與本地傳媒保持緊密聯繫，推廣基因組中心的工作及基因組醫學的發展潛能。透過報章及電子媒體廣泛正面的報導，有效加大公眾對基因組中心的認識，並對團隊的使命和努力給予肯定。

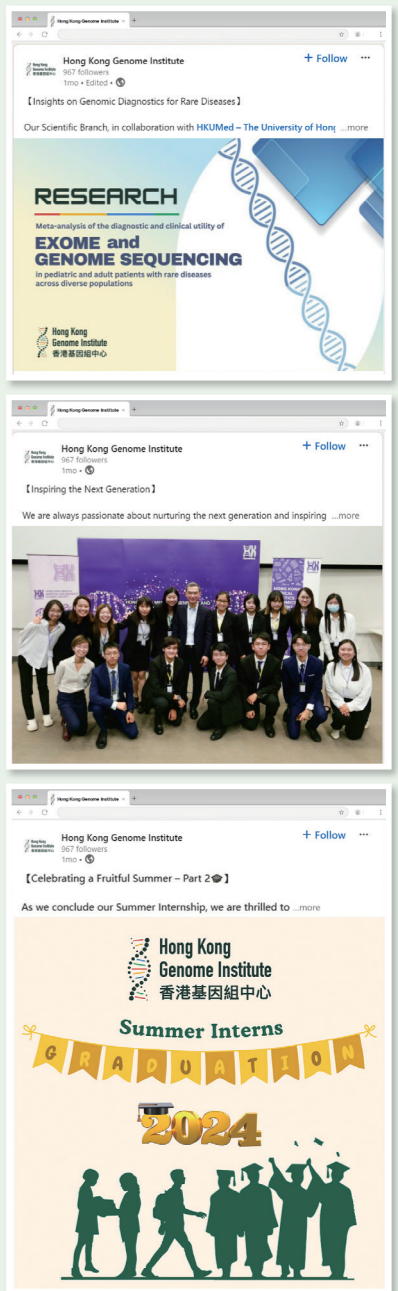
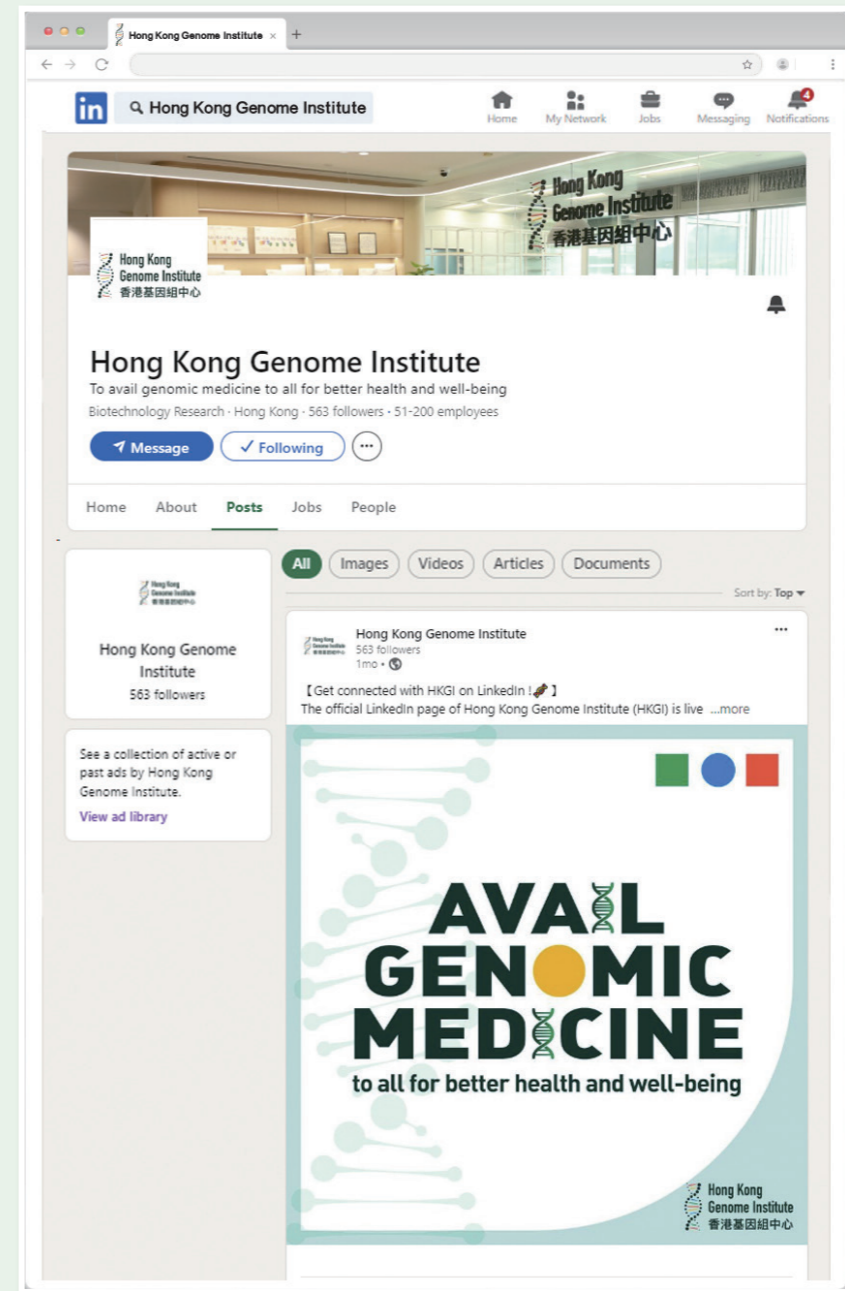


Image credits: Ming Pao Daily News, Hong Kong Economic Times, NowTV and Sing Tao Daily. 圖片來源：明報、香港經濟日報、NowTV及星島日報



Launched the corporate LinkedIn page to enhance HKGI's digital presence and extend its global connections with the professional community to advance its vision and mission. Online posts are published weekly to publicise HKGI's news, events, research, and publications.

開設LinkedIn專頁擴大宣傳網絡，並透過社交媒體加強與全球科學和醫學界建立連繫，以實踐基因組中心的使命及工作。團隊每周均會於專頁上分享基因組中心的最新動向、活動、研究報告和各類刊物，面向世界，持續地推廣基因組醫學。



Raising Public Awareness Online and Offline 多管齊下 加強公眾教育和認同



Rolled out a thematic page on HK01, a popular online media platform. Educational articles featuring basic concepts of genomics and HKGI's latest news and updates were published to promote HKGI's impactful work and deeper understanding of genomic medicine.

於高流量的網上新聞平台《香港01》推出專頁，以專欄文章簡介基因組醫學的相關知識和最新發展，藉此宣揚基因組中心深具意義的工作，並加深大眾對基因組醫學的認識。



Produced award-winning corporate publications to elevate public awareness and enhance genomic literacy. These included HKGI's 2022-23 Annual Report and Video Series on Genomic Medicine, both of which were created with engaging and relatable content easy for public consumption.

製作宣傳教育刊物，以提升公眾對基因組醫學的興趣和認識。團隊編製的刊物簡明生動，編撰專業，屢獲國際殊榮，其中包括基因組中心2022-23年報及基因組醫學專家訪問短片系列，是公眾教育的重要素材。



Exploring New Frontiers in Genomic Research 開拓創新 推動基因組醫學研究



Published five high-impact research papers in international journals to share HKGI's experience, clinical outcomes and discoveries in applying genomic medicine in Hong Kong. The team also co-edited a special issue on "Genomics & Precision Health", gathering experts from around the world to exchange insights on the subject.

於國際權威期刊發表了五篇具影響力的研究論文，就基因組醫學在香港的應用作仔細分享，包括基因組中心的經驗、臨床成果、醫學和科學發現。團隊亦獲著名期刊邀請，為題為「基因組學與精準醫學」的特刊擔任編輯，彙集來自全球各地專家的真知灼見。

Launched the Synergistic Research Environment to support genomic research initiatives. The platform allows eligible researchers to access de-identified and aggregated clinical and genomic data through designated machines and protected networks, empowering disease discoveries and development of new drugs and treatments.

推出「協同合作研究平台」，促進基因組醫學研究。透過這個平台，合資格研究人員可經指定裝置及安全網絡，存取已去識別化的臨床及基因組數據，藉此啟發創新，加快藥物研發。



Building Talent Pool for Genomic Medicine 培育人才 成就基因組醫學未來



Inspired the young generation to explore subjects related to genetics and genomics. Scholarship prizes were awarded to outstanding medical students from the Chinese University of Hong Kong and the University of Hong Kong, instilling in them an interest in genomic medicine, an up-and-coming professional.

鼓勵年輕一代探索遺傳學和基因組學相關領域，包括與香港中文大學及香港大學設立獎學金，頒發予表現出色的醫科生，以啟發他們對基因組醫學這門新興專業的興趣。



Organised the 2024 summer internship programme, hosting 12 students from local and overseas universities. Coming from different disciplines, the interns had the chance to work alongside HKGI's professionals and gained invaluable experience across a wide range of functions, from research and clinical practice to communications and finance.

舉辦2024年度暑期實習計劃，吸引了12位於本地及海外大學就讀的學生參加。他們主修不同學科，實習期間與基因組中心的專業團隊共事，參與研究、臨床實習、傳訊及財務等多個範疇的工作，汲取寶貴經驗。



Building Talent Pool for Genomic Medicine 培育人才 成就基因組醫學未來



Hosted a series of visits and career talks for secondary and university students to inspire them about the exciting prospects of genomic medicine and guide them on career planning. Each visit was an eye-opening experience for the students as they learnt about the transformative power of genomic medicine and the impactful work of HKGI.

為中學和大學生舉辦一系列參觀和職業講座，鼓勵他們探索機遇處處的基因組醫學領域，助他們規劃事業發展。這些活動讓學生們大開眼界，有助他們了解基因組醫學的龐大潛力，以及基因組中心工作的深遠影響。



Engaged healthcare practitioners for continuing professional development through training and talks. For instance, an "Alignment of Practice and Refresher Course for Genetic Counsellors" was organised for relevant teams from HKGP partnering centres and Hospital Authority, keeping them abreast of latest updates and knowledge, while promoting the standardisation of genetic counselling practice.

為醫護專業人員舉辦主題培訓和講座，促進持續專業發展，例如舉辦「遺傳輔導員實務守則及專業發展」講座，以助基因組計劃夥伴中心及醫院管理局相關醫護人員掌握最新資訊和知識技能，為遺傳輔導建立一致的實務標準。



Expanding Global Networks to Propel Exchanges and Collaborations 拓展網絡 促進國際交流協作



Co-organised with the Health Bureau a one-day visit to Shenzhen to gain insight into new technologies and practices of genomic medicine. Co-led by the Health Bureau and HKGI, and joined by representatives from the Department of Health, the Hospital Authority, and the University of Hong Kong, the delegation visited key scientific and medical facilities, and engaged in fruitful exchanges with counterparts on genomic research and clinical applications.

與醫務衛生局組織考察團，帶領衛生署、醫院管理局及香港大學代表前往深圳了解內地最新基因組醫學技術和應用。考察團探訪深圳重點科研設施及醫療服務機構，並就基因組醫學研究及臨床應用與各方交流討論，獲益良多。



Hosted a visit for the delegation from Peking Union Medical College Hospital led by Professor Zhang Shuyang, a renowned expert in rare diseases in the Mainland. Experts from both sides had the valuable opportunity to exchange insights on the development of genomic medicine and cutting-edge technologies.

接待北京協和醫院代表團。該代表團由內地著名罕見病專家張抒揚教授率領，到訪期間與基因組中心的專家相互交流，就基因組醫學發展及最新技術熱烈討論，分享見解。



Expanding Global Networks to Propel Exchanges and Collaborations 拓展網絡 促進國際交流協作



Participated actively in local and international events to drive exchanges with experts from around the world. The presence of HKGI senior executives as chairs of panel discussions and distinguished guest speakers at prestigious industry events enabled the team to maximise exposure, raise public awareness, and expand professional networks.

積極參與本地及國際會議，加強與世界各地專家交流。基因組中心的代表為業界盛事主持研討會及擔任講者，有助提升基因組中心的知名度，加深社會大眾對基因組醫學的認識，並擴展專業網絡。

Some of the signature events attended by HKGI to promote medical innovations and collaborations included the “Unlock The Life & Health Sciences Potential Through Innovation Summit” held by InvestHK, and the “Asia Summit on Global Health” organised by Hong Kong Trade Development Council.

基因組中心於年內參與眾多大型會議，包括由香港投資推廣署舉辦的「創新釋放生命與健康科學潛力」專題峰會，以及由香港貿易發展局舉辦的「亞洲醫療健康高峰論壇」，推動醫學創新和協作。



Engaging Staff Members for Operational Excellence 專業團隊 實踐卓越營運



Organised thematic training sessions on cybersecurity and data management to ensure staff members stayed current with latest trends and updates. For example, a lecture on DNA privacy was given by HKGI Board member Professor Yiu Siu-ming to equip staff members with the essential knowledge and skill sets in the subject matter.

就網絡安全及數據管理舉辦主題培訓，助同事掌握最新趨勢和資訊，其中包括邀請了基因組中心董事局成員姚兆明教授以DNA私隱為題，講解數據安全的相關知識和技能。



Organised staff engagement activities such as Christmas party, Chinese New Year lion dance, and staff luncheon to foster team bonding and cultivate an inclusive, supportive, and collaborative work environment that facilitates operational excellence.

舉辦多項員工活動，包括聖誕聯歡會、農曆新年醒獅活動，以及午間聚會，增強團隊精神，鼓勵同事們相互支持合作，創造和諧共融的工作環境，實踐卓越營運。

