香港創新企業家獎
 HONG KONG
 INNOPRENEUR
 バW/NRDS





Organiser 主辦機構



Title Sponsor 冠名贊助





Programme Rundown 典禮程序

Venue The Hong Kong Jockey Club Auditorium, Hong Kong Palace Museum
地點 香港故宮文化博物院香港賽馬會演講廳
Date 14 February 2023 (Tuesday)
日期 2023年2月14日(星期二)

3:00 pm	Press Conference	記者會
3:30 pm	Reception	迎賓接待
3:45 pm	Guests to be Seated	嘉賓入席
4:00 pm	Award Ceremony	頒獎典禮
4:05 pm	Welcome Remarks by Dr Sunny Chai Chairman, Federation of Hong Kong Industries	香港工業總會主席 查毅超博士致歡迎辭
4:10 pm	Speech by Guest-of-honour	主禮嘉賓致辭
4:15 pm	Speech by Mr Frank Fang General Manager, Head of Commercial Banking, Hong Kong and Macau, HSBC	滙豐工商金融總經理兼 香港及澳門主管方嘯先生致辭
4:20 pm	Presentation of Awards to Winners of the Hong Kong Innopreneur Awards 2022 by Guest-of-honour	主禮嘉賓頒獎予2022年 「香港創新企業家獎」得主
4:45 pm	Presentation of Souvenirs to Members of the Judging Panel	致送紀念品予評審委員會成員
	Presentation of Souvenirs to Nominators	致送紀念品予提名人
	Presentation of Souvenirs to Title Sponsor	致送紀念品予冠名贊助機構
5:00 pm	Acceptance Speech by Winners of the Hong Kong Innopreneur Awards and Panel Sharing	「香港創新企業家獎」得主 獲獎感言及研討會
5:45 pm	Vote of Thanks by Executive Deputy Chairman, Federation of Hong Kong Industries	香港工業總會常務副主席 致謝辭
5:50 pm	End of Programme	典禮結束
6:00 pm	Networking Session	商務聯誼

Introduction 簡介

The Federation of Hong Kong Industries (FHKI) launched the first "Hong Kong Innopreneur Awards" in 2022, with HSBC as our title sponsor. Through the Awards, we will recognise and support Hong Kong's startup entrepreneurs' commitment, vision and development potential in order to bring positive impact and contribution to society, and help connecting these startup entrepreneurs to investors and industry professionals, so as to facilitate the continuous development of the I&T and startup ecosystem.

There were 8 award categories of "Hong Kong Innopreneur Awards", encompassing a wide range of area. In addition to "Best Innopreneur Award", "High Flyer Innopreneur Award", "Excellence in Research Application Award", we have also set up awards of unique nature, including: "GBA+ Award", "ESG Award", "Corporate Innopreneur Award", "Ecosystem Catalyst Award" and "Most Popular Innopreneur Award", so as to recognise the outstanding startup entrepreneurs in different fields, and enterprises who practise technological innovation in existing business and stakerholders who support the startup enterprises and ecosystem. The Awards judging process involves leading figures from business, industrial and I&T sectors, selecting the most promising winners.

FHKI wishes the Awards can continue to build on the precedents while forging a new future and encourage the startup community to make use of its existing advantages to continuously innovate and improve, while giving new impetus to Hong Kong's startup community. We hope this can help on attracting more R&D talents and leading Hong Kong to become an international I&T hub.

香港工業總會於2022年舉辦首屆「香港創新企業家獎」,由滙豐冠名贊助。透過獎項, 一同肯定及支持香港的初創企業家在創新產業的投入、願景,以及其發展潛力,為社會發 展帶來正面影響及貢獻,藉此聯繫初創企業家、投資者和業界人士,促進創科發展及擴展 初創生態圈。

「香港創新企業家獎」共有八個獎項類別,涵蓋範圍廣泛,除了「香港創新企業家年度大獎」、「飛躍成就獎」、「科研應用獎」,亦特別設立性質獨特的獎項:「大灣區+獎」、「傑出ESG獎」、「企業創新獎」、「生態圈促進獎」及「最受歡迎獎」,表揚在不同領域表現傑出的初創企業家、於現有業務實踐科技創新的企業及支持初創生態圈的持份者。獎項由來自商界、工業界及創科界享負盛名的領袖進行評審,親自挑選最具潛力的得獎者。

工總希望獎項可以繼續承先啟後,鼓勵初創業界善用現有優勢,不斷創新及進步,為香港初創界帶來新動力,引領香港成為國際創新科技樞紐,匯聚科研人才。



Awards Website 大獎網站 Message from the Organiser, Federation of Hong Kong Industries 主辦機構香港工業總會獻辭

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Dr Sunny Chai, BBS, JP Chairman, Federation of Hong Kong Industries 香港工業總會主席 查毅超博士, BBS, JP

In order to encourage and recognise startup entrepreneurs and foster synergy within the local startup community, the Federation of Hong Kong Industries launched the first "Hong Kong Innopreneur Awards". This is to affirm entrepreneurs' visions, commitment and potential in innovation-driven businesses to bring positive impacts and contribution to the society.

為了鼓勵及表揚初創企業家、凝聚本地初創界,香 港工業總會舉辦首屆「香港創新企業家獎」,肯定 企業家在創新產業的願景、投入及潛力,為社會帶 來正面影響及貢獻。 The inaugural Awards comprise eight award categories, encompassing research application, ESG, innovation etc. On behalf of the Federation, I would like to congratulate all the winners, whose businesses span across biotechnology, patented core-shell nanoparticles, intelligent production, artificial intelligence etc. The awardees and their teams make technology more accessible to everyone by weaving innovative technology and marketable business models with their R&D outcome and entrepreneurial spirit. During the pandemic, some companies transform scientific outcomes into anti-pandemic products that made significant contribution to pandemic control and public health.

The new administration's Policy Address and Hong Kong 1&T Development Blueprint announced a series of measures to foster 1&T development and new industrialisation, such as earmarking \$10 billion to launch the "Research, Academic and Industry Sectors One-plus Scheme" in this year to promote commercialisation of R&D outcome and actively seek new opportunities from the Mainland and overseas. With the national strategies including the 14th Five-Year Plan and Greater Bay Area Development, Hong Kong is on course for becoming an international 1&T centre. I envision startups to ride on the historic opportunities to expand their businesses and inject growth impetus to Hong Kong.

The generous support of HSBC as the Title Sponsor plays a critical part for the resounding success of the first "Hong Kong Innopreneur Awards". Their support encouraged the startup entrepreneurs to seek breakthroughs and facilitate the exchange and collaboration between I&T and manufacturing sectors. I would like to take this opportunity to thank the judging panel, who are all outstanding leaders from political, business, industrial and I&T sectors, for their time to help us select the awardees and offer valuable insights. Lastly, I would like to thank the high-caliber startup entrepreneurs for their enthusiastic participation, injecting new impulse into the local I&T sector. I anticipate the Awards will inspire and attract more I&T talents, cultivating them to become future leaders and demonstrating a promising future for innovation-driven industries across Hong Kong and the Greater Bay Area to the public. 首屆設有八個範疇獎項,涵蓋科研應用、ESG、 創新等範疇。我代表香港工業總會恭賀各得獎 者,他們的業務及研發範圍廣泛,包括生物科 技、專利納米球技術、智能生產、人工智能等。 得獎者及其團隊憑著創新研發成果和企業家精 神,揉合創新技術及市場化的商業模式,使科技 應用普及化。尤其在疫情期間,部分企業將研究 成果轉化成抗疫產品,為防控疫情及保障公眾健 康作出重大貢獻。

新一屆政府在《施政報告》和《香港創新科技藍 圖》提出多項推動創科及新型工業化的措施,例 如於今年設立100億元「產學研+1計劃」以促進 科研成果商品化及科技產業發展,積極向內地和 海外尋求新機遇。在「十四五規劃」及大灣區發 展等國家發展戰略下,香港正邁向成為國際創科 中心,我期望初創企業把握歷史性機會,開創一 番事業,增強香港發展動能。

首屆「香港創新企業家獎」得以圓滿舉行, 全賴 滙豐冠名贊助,大力支持初創企業家尋求突破, 同時促進創科及工業界交流協作。我亦要藉此機 會感謝評審委員會,他們均是來自政、商、工 業、創科界的翹楚,在百忙中抽空協助選出獎項 得獎者及給予寶貴意見。最後我要感謝各優秀的 初創企業家踴躍參與,為本地創科界注入新動 力。我期望這項大獎能夠鼓勵和吸引更多創科人 才,培育他們成為行業領袖,讓社會看到香港及 大灣區未來的創新發展充滿希望。

Message from Title Sponsor, HSBC 冠名贊助滙豐獻辭

Mr Frank Fang General Manager, Head of Commercial Banking, Hong Kong and Macau, HSBC 滙豐工商金融總經理兼香港及澳門主管 方嘯先生

HSBC has long been working with the Hong Kong business community to create a more vibrant and innovative startup ecosystem. We are honoured to sponsor the first ever Hong Kong Innopreneur Awards, recognising the achievements of local startup founders. We'd like to congratulate all the winners for their efforts in pushing the boundaries of innovation. Your distinguished accomplishments are a beacon of pride for our city.

滙豐一直與商界並肩,攜手打造充滿活力及創新的 初創生態圈。我們很榮幸贊助首屆香港創新企業家 獎,藉以表揚本地卓越初創企業家。在此恭賀各得 獎者,你們透過創新思維跨越界限,為企業發展注 入更多可能性,當中的傑出成就令香港商界引以為 傲。 We are committed to exploring new opportunities for our clients, and looking for ways to continuously improve and grow. The Hong Kong Innopreneur Awards organised by the Federation of Hong Kong Industries is fully aligned to our mission and vision in this area. The success of the Awards was made possible by the active participation of startup enterprises, and we are delighted to see so many Hong Kong entrepreneurs innovating and developing products with benefits for the wellbeing of our communities. Your outstanding achievements in research and development, combined with your innovative business models, will certainly help to realise the significant development potential of Hong Kong.

We look forward to continuing our support for Hong Kong's startup ecosystem by nurturing innovation and helping the local business community open up new opportunities for growth. 多年來,我們致力為客戶開拓新機遇,並不斷推 動進步和增長。香港工業總會設立的香港創新企 業家獎,與我們的理念和遠景一致。是次活動得 以完滿舉行,實在有賴各初創企業積極參與。我 們很高興見到許多香港初創企業家敢於創新,積 極研發能促進社會福祉的產品,你們優秀的科研 成果配以創新營運模式,成功為香港帶來龐大發 展機遇。

最後,祝願香港初創企業生態圈繼續蓬勃發展, 為本地商界提供更多嶄新增長動力。

Message from the Executive Chairman of Judging Panel 評審委員會執行主席獻辭

Dr Daniel Yip, JP Honorary President, Federation of Hong Kong Industrie 香港工業總會名譽會長 葉中賢博士, JP

It is my honour to be the Executive Panel Chairman of the judging panel for the inaugural "Hong Kong Innopreneur Awards". During the selection process, the judging panel met with outstanding startup entrepreneurs who have been bringing breakthroughs to the industry and contributing to Hong Kong's re-industrialisation with their cutting-edge R&D outcomes. Once again, I extend my heartfelt congratulations to the winning entrepreneurs and wish them all the success in their respective industries and leading Hong Kong to become the international I&T centre.

The local I&T industry, firmly supported by Hong Kong's new administration, is also an essential component of national development strategy. With Government facilitation and industrialists' active participation, I deeply believe that the local I&T sector will attain remarkable achievement through grabbing the opportunities arisen from the Greater Bay Area and emerging markets, bolstering Hong Kong's strength of "leveraging the Mainland while engaging with the world".

我很榮幸能夠擔任首屆「香港創新企業家獎」評審委員會執行主席。在遴選過程 中,評審委員會會晤多位傑出的初創企業家,我欣見參加者憑著領先全球的研發成 果為行業帶來突破性的貢獻,為香港再工業化出一分力。我在此再次恭賀得獎的企 業家,並期望他們能繼續在其行業發光發亮,擴展版圖,帶領香港成為未來的國際創 科中心。

香港創新科技產業不但受到新一屆政府的堅定支持,同時也是國家發展戰略的重要 組成部份。在政府支持、業界積極參與下,我深信本地創新及科技界將續創佳績, 把握大灣區及新興市場的機遇,強化香港「背靠祖國,聯通世界」的優勢。

Final Judging Panel – Hong Kong Innopreneur Awards 2022 2022年「香港創新企業家獎」— 評審委員會



Dr Sunny Chai, BBS, JP Chairman, Federation of Hong Kong Industries **查毅超博士, BBS, JP** 香港工業總會主席



From left 左起:

Mr Woo Pat-nie, Mr Hendrick Sin, Mr Lap Man, Dr Samson Tam, Dr Daniel Yip, Ms Christina Ong, Mr Simon Chan, Mr Chibo Tang 吳柏年先生、洗漢廸先生、文立先生、譚偉豪博士、 葉中賢博士、王海珍女士、陳細明先生、唐啟波先生 Executive Panel Chairman Dr Daniel Yip, JP Honorary President, Federation of Hong Kong Industries

Hon Duncan Chiu Legislative Council Member, Technology and Innovation Functional Constituency

Ms Christina Ong Head of Business Banking Commercial Banking, Hong Kong, HSBC

Mr Simon Chan, JP Chairman, Hong Kong Cyberport

Mr Lap Man Co-founder and Managing Partner, Beyond Ventures

Mr Hendrick Sin, MH Co-founder and Vice Chairman, CMGE Technology Group Limited

Dr Samson Tam, JP Partner, Hong Kong INNO Angel Fund

Mr Chibo Tang Managing Partner, Gobi Partners GBA

Final Judging Panel Reviewer Mr Woo Pat-nie Partner, KPMG China <mark>執行主席</mark> 葉中賢博士, JP 香港工業總會名譽會長



王海珍女士 滙豐香港工商金融 中小企業主管

陳細明先生, JP 香港數碼港主席

文立先生 海闊天空創投聯合創辦人及 管理合夥人

洗漢廸先生, MH 中手游科技集團有限公司聯合 創始人及副董事長

譚偉豪博士, JP 香港英諾天使基金合夥人

唐啟波先生 戈壁大灣區管理合夥人

決選審核委員 吳柏年先生 畢馬威中國合夥人

Semi-final Judging Panel – Hong Kong Innopreneur Awards 2022 2022年「香港創新企業家獎」— 半準決賽評審委員會

Hong Kong Innopreneur Award Organising Committee List 香港創新企業家獎籌組委員會



Ms Clara Chan, MH Executive Deputy Chairman, Federation of Hong Kong Industries Representative, Lee Kee International Limited

陳婉珊女士, MH 香港工業總會常務副主席及 利記國際有限公司代表人



Mr Jason Chiu, JP Chairman, Hong Kong Startup Council Founder, Cherrypicks 趙子翹先生, JP 香港知創企業故會主度及

香港初創企業協會主席及 創奇思創辦人



Mr Jaff Lau Managing Director, Head of Strategy and Innovation, Business Banking, Commercial Banking, Hong Kong, HSBC 劉囅鋒先生

進豐香港工商金融常務總監兼 中小企業務策略及創新主管



Ms Karena Belin CEO & Co-Founder, WHub COO/ CFO & Co-Founder, AngelHub

Karena Belin 女士 WHub 聯合創始人兼行政總裁 AngelHub 聯合創始人兼 營運長/財務長



Ms Cindy Chow Executive Director, Alibaba Hong Kong Entrepreneurs Fund 周駱美琪女士 阿里巴巴香港創業者 基金執行董事



Mr Bryant ChanVice Chairman,Hong Kong Startup CouncilPresident,Wynnewood Corporation Limited陳允誠先生香港初創企業協會副主席及永勤有限公司總裁



 Mr Paul Chu

 Vice Chairman,

 Hong Kong Startup Council

 President,

 RedWolf Airsoft Specialist Limited

 朱亮之先生

 香港初創企業協會副主席及

 RedWolf Airsoft Specialist Limited主席

Hong Kong Startup Council Executive Committee 香港初創協會執行委員會

Vice Chairmen 副主席



Mr Jimmy Tao CEO, Vitargent (International) Biotechnology Limited 杜偉樑先生 水中銀(國際)生物科技有限公司 首席執行官



Mr Mingles Tsoi CXO, ParticleX 蔡明都先生 粒子創投 首席探索官

Chief Mentors 首席導師



Dr Toa Charm Chairman, Dr Charm & Company Limited **湛家揚博士** 湛博管理諮詢有限公司主席



Mr Alan Cheung Chairman and Managing Director, TML Apparel Limited 張益麟先生 TML Apparel Limited 主席兼董事總經理



Mr Paul So Chairman, Sweda Limited 蘇永強先生 時運達集團主席



Ir Prof Andrew Young Associate Director (Innovation), Sino Innovation Laboratory Limited

楊孟璋教授、<mark>工程師</mark> 信和創意研發有限公司創新聯席董事 Members **劫**委



Mr Johnny Chan President, Hong Kong Venture Capital and Private Equity Association 陳覺忠先生 香港創業及私募投資協會會長 Mr Vincent Chan Director, Samena Capital

Samena Capita 陳鎮洪先生 新盟資本董事



Ms Norma Chu CEO, Grand Leader Technology Limited 朱嘉盈女士 嘉龍科技有限公司行政總裁



Mr Arthur Ho Director, V-Link Ventures Limited 何健華先生 薈力發展有限公司董事



Mr Terrence Hui CEO, Yick Shun Electronic Toys Manufactory Limited 許文俊先生 億順電子玩具製造廠有限公司行政總裁



Mr Eric Sun Managing Director, Kinox Trading Limited **孫榮聰先生** 建樂士貿易有限公司董事總經理



 Mr Edmund Lee

 Director,

 Application Technology Company Limited

 李治緯先生

 Application Technology Company Limited 董事



Mr Simon Yeung Co-founder & CEO, iMBrace Limited 楊沛桑先生 iMBrace Limited 聯合創始人及行政總裁



Mr Eric Ng CEO, Happiness Capital 吳家興先生 爽資本行政總裁



Mr Steve Yeung Director, InnoSphere Limited 楊兆航先生 天品創意事務所有限公司董事

Hong Kong Innopreneur Award Advisory Committee List 香港創新企業家獎諮詢委員會



Hon Duncan Chiu Legislative Council Member, Technology and Innovation Constituency

邱達根議員 科技創新界立法會議員



Mr Johnny Chan President, Hong Kong Venture Capital and Private Equity Association

陳覺忠先生 香港創業及私募投資協會會長



Mr Timothy Leung Executive Director, HKAI Lab 梁季笙先生 HKAI Lab 執行總監



Mr Hendrick Sin, MH Co-founder and Vice Chairman, CMGE Technology Group Limited

洗漢她先生, MH 中手游科技集團有限公司聯合創始人及副董事長



Dr Jason Sun Operation Director, Hong Kong X-Tech Startup Platform

孫健博士 香港X科技創業平台運營總監



Dr Samson Tam, JP Partner, Hong Kong INNO Angel Funds 譚偉豪博士, JP 香港英諾天使基金合夥人



Mr Albert Wong CEO, Hong Kong Science and Technology Parks Corporation

<mark>黃克強先生</mark> 香港科技園公司行政總裁



Mr Peter Yan, JP CEO, Hong Kong Cyberport Management Company Limited 任景信先生, JP 香港數碼港行政總裁

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陳婉珊女士, MH 香港工業總會常務副主席及 利記國際有限公司代表人



創奇思創辦人

Mr Jason Chiu, JP Chairman, Hong Kong Startup Council Founder, Cherrypicks 趙子翹先生, JP 香港初創企業協會主席及



 Mr Jaff Lau

 Managing Director,

 Head of Strategy and Innovation,

 Business Banking,

 Commercial Banking, Hong Kong, HSBC

 劉囅鋒先生

 滙豐香港工商金融常務總監兼

 中小企業務策略及創新主管



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阿里巴巴香港創業有基金執行董事



Mr Bryant Chan Vice Chairman, Hong Kong Startup Council President, Wynnewood Corporation Limited 陳允誠先生 香港初創企業協會副主席及 永勤有限公司總裁



Mr Paul Chu Vice Chairman, Hong Kong Startup Council President, RedWolf Airsoft Specialist Limited 朱亮之先生 香港初創企業協會副主席及

香港初創企業協會副主席及 RedWolf Airsoft Specialist Limited主席

Hong Kong Startup Council Executive Committee 香港初創企業協會執行委員會

Chairman 主席

Mr Jason Chiu, JP Founder, Cherrypicks 趙子翹先生, JP 創奇思創辦人

Honorary President 名譽會長

Dr Jack Yeung CEO, OIC Capital Limited 楊悰傑博士 OIC Capital Limited 行政總裁

Vice Chairmen 副主席

Mr Bryant Chan President, Wynnewood Corporation Limited

陳允誠先生 永勤有限公司總裁

Mr Jimmy Tao CEO, Vitargent (International) Biotechnology Limited **杜偉樑先生** 水中銀(國際)生物科技有限公司首席執行官 Mr Paul Chu President, RedWolf Airsoft Specialist Limited 朱亮之先生 RedWolf Airsoft Specialist Limited 主席

Mr Mingles Tsoi CXO, ParticleX **蔡明都先生** 粒子創投首席探索官

Chief Mentors 首席導師

Dr Toa Charm Chairman, Dr Charm & Company Limited **湛家揚博士** 湛博管理諮詢有限公司主席

Mr Paul So Chairman, Sweda Limited **蘇永強先生** 時運達集團主席 Mr Alan Cheung Chairman and Managing Director, TML Apparel Limited 張益麟先生 TML Apparel Limited 主席兼董事總經理

Ir Prof Andrew Young Associate Director (Innovation), Sino Innovation Laboratory Limited **楊孟璋教授、工程師** 信和創意研發有限公司創新聯席董事

Members 執委

Mr Johnny Chan President, Hong Kong Venture Capital and Private Equity Association 陳覺忠先生

香港創業及私募投資協會會長

Mr Arthur Ho Director, V-Link Ventures Limited 何健華先生 薈力發展有限公司董事

Mr Edmund Lee Director, Application Technology Company Limited 李治緯先生

Application Technology Company Limited 董事

Mr Simon Yeung Co-founder & CEO,

iMBrace Limited **楊沛桑先生** iMBrace Limited 聯合創始人及行政總裁 **Mr Vincent Chan** Director, Samena Capital **陳鎮洪先生** 新盟資本董事 **Ms Norma Chu** CEO, Grand Leader Technology Limited **朱嘉盈女士** 嘉龍科技有限公司行政總裁

Mr Terrence Hui CEO, Yick Shun Electronic Toys Manufactory Limited

許文俊先生 億順電子玩具製造廠 有限公司行政總裁

Mr Eric Ng CEO, Happiness Capital **吳家興先生** 爽資本行政總裁 **Ms Candy Hui** Managing Director, People By People Group Limited 許頴嘉女士 People By People Group Limited 董事總經理

Mr Eric Sun CEO, Managing Director, Kinox Trading Limited **孫榮聰先生** 建樂士貿易有限公司董事總經理

Mr Steve Yeung Director, InnoSphere Limited **楊兆航先生** 天品創意事務所有限公司董事

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Prof Daniel M. Cheng Managing Director, Dunwell Technology (Holding) Limited

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Dr Samson Tam, JP Chairman, Group Sense (International) Limited

譚偉豪博士, JP 權智有限公司主席 Hon Duncan Chiu Legislative Council Member, Technology & Innovation Constituency **邱達根議員** 科技創新界立法會議員





Mr Jason Chiu, JP Chairman, Hong Kong Startup Council 香港初創企業協會主席 趙子翹先生, JP

Message from Hong Kong Startup Council Chairman 香港初創企業協會主席獻辭

As a completed ecosystem, innovation and technology (I&T) industry includes different holding parties like founders from all over the world, enterprise innovation and catalysts. The Hong Kong Innopreneur Award aims to recognise outstanding contributions and innovative entrepreneurs or organisations, and to provide a recognisable encouragement and recognition, so as to encourage the industry to actively display its entrepreneurial spirit. The judging panel comprising business leaders, industries leaders and I&T luminaries interviewed candidates in person and assessed their performance and contributions, with a view to promote Hong Kong's progress towards becoming an international I&T hub by encouraging them to actively participate in development of high value-added and advanced industries.

In the year end of 2022, the Government promulgated the Hong Kong Innovation and Technology Development Blueprint to establish a clear vision, direction, strategy and targes for the future development of I&T, and integrates different policies to attract talents, all of which underscore the important of the I&T industry of Hong Kong. The award aims to recognise I&T entrepreneurs who have achieved breakthrough innovation with considerable development potential in their business, and differentiated from other awards in the markets by covering several key areas in different categories: "GBA+ Award" requires their business to make breakthroughs in GBA; "Research Applications Awards" focuses on the fact that its innovative concepts are from academic institutes' research; "Ecosystem Catalyst Award" for companies/ institutions that promote the development and contribution of the startup ecosystem.

We believe that success depends on extraordinary talent and perseverance to learn from failures, and we expect the award-winning entrepreneurs not only to showcase their achievements, but more importantly, lead Hong Kong shining out with Lion Rock Spirit. I would like to thank the Federation of Hong Kong Industries (FHKI) to organise, HSBC as title sponsor, Hong Kong Startup Council Executive Committee and members' involvement. I would also like to thank all the judging panel committees, advisory committees and nominators' participation and their oversight obligations. Hope we could continue to develop Hong Kong as International I&T Hub!

創新科技界作為一個完整的生態圈,除了五湖四海的創辦人、也當然包括企業創新、催化劑等不同持分單位。我樂見一個全面而具代表性的業界獎項終於誕生!「香港創新企業家獎」旨在表彰卓越貢獻及具創新力的企業家或機構,給予其具認受性的鼓勵及肯定,從而激勵業界積極發揮創業精神。由商界翹楚、工業領袖及創科界知名人士組成的評審委員會接見候選人,並就其表現及貢獻作出評核,透過鼓勵他們積極投入高增值及先進產業發展,推動香港邁向成為國際創科中心。

政府於年底公布《香港創新科技發展藍圖》,提出未來創科的發展願景、方向、策略和指標,並結合不同的政策吸納人才,以上均突顯創新科技產業對本港發展的重要性。獎項旨在向於業務上獲得突破性創新及可觀發展潛力的創 科企業家予以肯定,更有別於坊間其他獎項,以不同組別涵蓋幾個重點領域:「大灣區+獎」要求其業務在大灣區 有突破發展;「科研應用獎」則看重其創新概念是來自學術機構的研究;「生態圈促進獎」是為表揚推動初創生態 圈發展及作出貢獻的企業。

我們深信成功有賴非凡的人才以及不斷從失敗吸取經驗的毅力,我們期望獲獎的企業家不單能夠展示其成就,更重 要的是展現帶領香港發光發亮的獅子山精神。謹此衷心感謝香港工業總會主辦、滙豐冠名贊助、香港初創協會執行 委員會及執委協助,同時亦感謝所有參與及履行監督義務的工作的各位,為香港成為國際創科中心共同努力!



Mr Paul Chu Vice Chairman, Hong Kong Startup Council 香港初創企業協會副主席 **朱亮之先生**

Message from Hong Kong Innopreneur Award Programme Lead 香港創新企業家獎計劃首席領導獻辭

The launch of the inaugural Hong Kong Innopreneur Awards would not be successful without the generous support from partner organisations and devoted individuals. I would like to thank the Federation of Hong Kong Industries (FHKI) as the organiser, HSBC as the title sponsor, the judging panel which was chaired by Dr Daniel Yip, the leadership of Jason Chiu – Chairman of Hong Kong Startup Council, as well as the contribution from all leading figures in the political, business, industrial and startup sectors.

We received 110 nominations and applications, including 75 applications for individuals awards for 'Best Innopreneur Award', 'High Flyer Innopreneur Award', 'Excellence in Research Application Award', 'GBA+ Award', 'ESG Award' and 'Most Popular Innopreneur Award'. A total of 30 Hong Kong registered companies applied for the 'Corporate Innopreneur Award' and 5 registered companies applied for the 'Ecosystem Catalyst Award'.

We are pleased to have many outstanding innovative entrepreneurs participating in this Award, which we hope will inspire more future leaders with visionary ideas to become entrepreneurs.

感謝香港工業總會(工總)主辦、滙豐冠名贊助、工總名譽會長葉中賢博士擔任評審委員會主席及評審委員會的參與、香港初創企業協會主席趙子翹先生的帶領,以及各政、商、工業、創科各界的領袖代表的參與和努力,才能順利籌辦首屆「香港創新企業家獎」。

是次獎項共收到110份參選及提名,當中包括75份提名予個人獎項(即「香港創新企業家年度大獎」、「飛躍成就獎」、「科研應用獎」、「大灣區+獎」、「傑出ESG獎」及「最受歡迎獎」),30間香港註冊 機構/企業申請參選「企業創新獎」及5間機構/企業申請參選「生態圈促進獎」。

我很高興知悉多位在個別範疇有超卓表現的創新企業家積極參與投入,希望激發更多具創新想法和遠大夢 想的人才,能發揮潛力,成為成功企業家。 Hong Kong Innopreneur Awards Winners 香港創新企業家獎得獎者

Best
 Innopreneur
 AWARD
 香港創新企業家
 年度大獎

Prof Jia Jiaya Founder & Chairman, SmartMore Corporation Limited **賈佳亞教授** 思謀集團有限公司 創辦人暨董事長

High Flyer Innopreneur 八W/RD 香港創新企業家獎 飛躍成就獎

Prof Ng Siew Chien Co-Founder, GenieBiome Limited

黃**秀娟教授** 精進微生物科技有限公司 共同創始人 Excellence in Research Application AWARD 香港創新企業 科研應用獎

> **Dr Lam Fung, Tenny** CEO & Co-Founder, Grand Rise Technology Limitec

林肇博士 佳昇科技有限公司 首席執行官兼聯合創始人



Mr Kingsley Leung Chairman & Co-Founder, Great Bay Bio Limited 梁國龍先生 大灣生物有限公司 董事長、聯合創始人 **Dr Chiu Yin To, Ricky** Chairman & CEO, PHASE Scientific International Limited **招彥燾博士** 相達生物科技國際有限公司 董事長及首席執行官





Biel Crystal Holdings Limited 伯恩光學控股有限公司 Corporate Innopreneur AWARD 香港創新企業家獎 企業創新獎

Prenetics

Prenetics Global Limited (Nasdaq: PRE)

Ecosystem Catalyst AWARD 香港創新企業家獎 生態圈促進獎

ALIBABA ENTREPRENEURS FUND 阿里巴巴創業者基金

Alibaba Hong Kong Entrepreneurs Fund 阿里巴巴香港創業者基金





Best Innopreneur Award 香港創新企業家年度大獎

Best Innopreneur Award 香港創新企業家年度大獎

Prof Jia Jiaya Founder & Chairman, SmartMore Corporation Limited 曾佳亞教授

思謀集團有限公司 創辦人暨董事長

Nominated by: Mr Chan Yiu-bong Deloitte Touche Tohmatsu 提名人:陳耀邦先生 德勤·關黃陳方會計師行

賈佳亞為香港中文大學終身教授,計算機視覺、智 慧與電腦影像學等領域的國際頂尖專家。在過去20 多年,他帶領研究團隊開發業內聞名的新一代智慧 製造平台、自動駕駛平台、智慧醫療診斷系統等, 利用尖端技術推動社會發展。賈教授培養出的博士 和碩士學生皆在學術界或業界取得了重大成就,為 推進科技創新不遺餘力。

Jia Jiaya, a tenured professor at the Chinese University of Hong Kong and a top expert in computer vision and artificial intelligence. With more than 20 years of research experience, he deployed advanced technology to support social development. He has led his team to develop well-known new generation of advanced manufacturing platform, auto-driving platform, and intelligent medical diagnosis system. Professor Jia has worked relentlessly to promote technological innovation, and his students have achieved great recognitions in academia and the industry.

SmartMore Factory in Shenzhen 思謀深圳工廠





Professor Jia keenly captured the global Industry 4.0 transformation and founded SmartMore Corporation Limited in 2019 which focuses on empowering smart manufacturing and digital innovation with advanced technology. Through cutting-edge technologies such as manufacturing optimisation and machine vision, it aims to create platforms with greater scalability and broader applications for smart manufacturing and digital innovation, realising the great potential of digital and intelligent transformation. As a result, SmartMore has become a unicorn in merely 18 months.

The company has more than 1,000 employees worldwide. Over 70% of the employees have master's and doctoral degrees. Moreover, the proportion of R&D staff and R&D investment is over 60%. SmartMore has served more than 100 industry leaders from all over the world, including Carl Zeiss, Airbus, Bosch, Canon, Continental AG, Schaeffler, P&G, and Unilever. From nanoscale semiconductors to 100-meter automobiles and airplanes, SmartMore is able to apply the technology to a vast number of major manufacturing industries, with technologies that enable more efficient, flexible and advanced manufacturing.

買教授敏銳地捕捉到全球工業4.0的變革機遇, 並在2019年創立思謀集團有限公司 (SmartMore),專注於以科創技術引領工業 走向高端先進製造,透過製造產業優化演算法、 智能機器視覺等前沿技術,持續打造更具拓展性 和普惠價值的智能工業和數智創新平台,推動數 字化轉型和智能化升級。思謀僅用18個月躋身獨 角獸行列。

思謀科技全球員工1000餘人,超過70%員工擁 有碩士或博士學位,研發人員佔比及研發投入佔 比皆達超過六成以上,服務超過100家行頭企 業,包括卡爾蔡司、空客、博世、佳能、大陸集 團、舍弗勒、寶潔、聯合利華等。從納米級的半 導體到百米級的汽車和飛機,思謀科技在產業端 跨越千億倍精度,應用到數十種重大製造行業, 以技術促進更高效、更靈活、更先進的發展。



SmartMore Museum of Innovation, showcasing industrial solutions and use cases. 思謀智能製造博物館,展示行業解决方案及落地案例。

Steered by Professor Jia, SmartMore is committed to contributing to the Innovation & Technology (I&T) ecosystem. SmartMore has also been actively responding to the I&T policy blueprint of the Hong Kong SAR government, facilitating the "Re-industrialisation" initiative, by leveraging the advantages of the Greater Bay Area. With the commitment to nurturing local talents, SmartMore is creating and expanding new jobs for Hong Kong's youth and providing strong support for local employment.

In the future, Professor Jia Jiaya will continue to lead the way in contributing to the development of Hong Kong's I&T ecosystem.



未來, 賈教授將繼續帶領思謀為香港的科創產業 貢獻最大的力量。



SmartMore office in Qianhai Shenzhen-Hong Kong Modern Service Industry Cooperation Zone 思謀深圳前海辦公室

Company Milestones 公司里程

 Established the first Smart Manufacturing Museum in industry and SmartMore factory came into operation Completed B+ round of financing Released second generation of industrial system software, first generation of digital system software; the industry's first visual intelligence device (MiniLED) and five-axis inspection device Made major breakthroughs in overseas markets and completed a number of large-scale overseas projects in the fields of Logistics, Environmental protection and Food & Beverage Served over 200 industry leaders, launched the visual software for precision industry and 3C electronics manufacturing industry, launched integrated solutions for new energy lithium battery and automobile Selected for 100+ industry accolades, including the White Paper on Smart Manufacturing, "Certificate of Merit of Smart Business (Emerging Technology) of the Hong Kong ICT Award", "CAll's first core suppliers of industrial quality inspection" and "Gold Award of Vision System Design China Innovators Award" Participated in the establishment of several industrial standards, including "Standards for the Architecture of Machine Vision Systems for Smart Manufacturing Scenarios" and "Standards for Intelligent Surface Defect Inspection Service Requirements for Industrial Production Lines" 	 22 - 行業首個智能製造博物館投入運營、智造工廠投入使用 - 完成B+輪融資 - 發佈第二代工業系統軟件、第一代數字化系統軟件,發佈行業首台視覺智能設備(MiniLED)、行業 領先五軸全檢設備 - 海外市場取得重大突破,完成多個物流、環保、食 品領域的大型海外項目 - 累計服務行業頭部企業超200家,推出精密工業、 3C電子製造行業視覺軟件,推出新能源鋰電、汽 車整體解決方案 - 入選智能製造白皮書,榮獲「香港資訊及通訊科技 獎智慧商業(新興科技獎)優異證書」、「工聯 院首批工業質檢核心供應商」、「視覺系統創新獎 金獎」等100+行業榮譽 - 參與多項標準制定,「智能製造場景的機器視覺系 統架構標準」、「工業產線智能表面缺陷檢測服務 需求標準」
 Set up R&D and business centres in Beijing, Hangzhou, Chongqing, and Singapore. Intellgent Manufacturing Lab came into operation Completed the Series B financing with a total of over US\$200 million and became a "unicorn" company in intelligent manufacturing and digital innovation Developed and mass-produced over 60 integrated standardised devices for smart manufacturing, and launched the first generation of smart code scanner, a standardised hardware product Served over 100 industry leaders and empowered over 500 production lines globally 	 21 在北京、杭州、重慶、新加坡等地設立研發和商務中心,智能製造實驗室正式投入使用 完成B輪超2億美元融資,成為智能製造與數智創新「獨角獸企業」 研發超60款智能製造標準一體化設備並實現量產,發佈第一代標準硬件產品智能讀碼器 累計服務行業頭部企業超100家,賦能全球超500條產線
 Set up R&D and business centres in Shanghai, Suzhou, and Tokyo Completed Series A financing and became one of the youngest "quasi-unicorn" companies Launched the first generation of smart manufacturing and digital innovation products Became a key supplier to 10+ major clients, and named on over 50 major awards lists, including the "Most Influential Enterprises" Award 	 在上海、蘇州、日本東京等地設立研發和商務中心 完成A輪融資,成為最年輕「準獨角獸」企業之一 發佈第一代智能製造與數智創新產品 成為10+大型客戶重要供應商,上榜「最具影響力 企業」,榮獲各大獎項50+
 SmartMore was established Set up R&D and business centres in Hong Kong and Shenzhen Accomplished the angel investment Completed the first smart quality inspection project 	 19 • 思謀科技成立 • 在香港、深圳兩地設立研發和商務中心 • 完成天使輪融資 • 承接首例智能化質檢項目





High Flyer Innopreneur Award 香港創新企業家獎 —— 飛躍成就獎

High Flyer Innopreneur Award 香港創新企業家獎 —— 飛躍成就獎

Prof Ng Siew Chien Co-Founder, GenieBiome Limited

黃秀娟教授 精進微生物科技有限公司 共同創始人

Nominated by: Mr Alan Chow The Chinese University of Hong Kong 提名人:鄒秉基先生 香港中文大學

糞便細菌基因,是一門創新的技術,要做出成績, 勇為先驅,並不容易,毅力和運氣,缺一不可。黃 秀娟教授經過多年的努力,她的微生物菌群創新研 究現已於香港和亞洲廣泛應用。

G-N

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nnovation & Integrity

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As a pioneer in fecal bacteria-DNA technology, innovation does not come easy for Prof Siew Ng. It involves perseverance and luck. After years of scientific research, her microbiome innovation is now widely available to people in Hong Kong and Asia.

Prof Siew Ng (left) and Prof Francis Chan (right) at the MagIC laboratory. 黃秀娟教授(左)及陳家亮教授(右)同攝於微生物菌群創新中心實驗室。









In 2010, Ng, a specialist in gastroenterologist, met Prof Francis Chan, Dean of Faculty of Medicine, The Chinese University of Hong Kong (CUHK). They both share the same "gut feeling" that the human microbiome is the next frontier of Medicine. It emerges that the trillions of bacteria inside the human gut is like our "second brain" one with enormous potential for powerful clinical applications. To realise this dream, there came the opportunity of Innocenters to position Hong Kong as a leading biotech hub. They convinced the Innovation and Technology Bureau with their proposal and successfully established Microbiota I-Center (MagIC), the only microbiome R&D center in Asia. Ng is currently Director of MagIC, and Professor of Medicine at The Chinese University of Hong Kong (CUHK).

Ng does not just do research but has been highly successful in its translation. In 2019, along with Prof Francis Chan, she co-founded G-Niib GenieBiome Limited. Their business plan started on a napkin at a coffee shop. Their mission is to transform novel microbiome discoveries into effective diagnostics and therapeutics. From the humble beginning of two scientific co-founders and a shared desk in Wanchai, G-Niib GenieBiome has now expanded to over 100 staffs in under 3 years. It has risen to be one of the top 25 microbiome biotech companies globally.

After a decade of research, Ng reinvented her technology. Just with a tiny stool sample, she can decode the trillions of bacteria DNA inside our gut with her artificial intelligent-driven algorithms to predict risk of diseases. She has successfully transformed gut microbiome into novel innovations for early disease detection, prevention and treatment. Her goal is to detect disease at a stage where it is still possible to do something. M3CRC, her first technology, can detect early colon cancer and polyps in the gut with high accuracy when cure is possible. Her most recent breakthrough development is a single stool test that can predict the risk of autism in children.



The fecal microbiota technology can also be applied for early detection of children with autism. 糞便基因技術可應用於預測兒童 自閉症風險。 2010年,黃秀娟教授剛加入香港中文大學醫學院,與醫學院院長陳家亮教授惺惺相惜。他們同樣相信,人類微生物菌群是未來的醫學前沿。科學數據揭示了人類腸道內的數萬億細菌就像我們的「第二個大腦」,具有強大的臨床應用潛力。 數年前,適逢香港特區政府重點發展創新香港研發平台(InnoHK),兩位教授藉此機會向創新科 技局提倡成立亞洲唯一的微生物菌群研發中心, 把香港定位為領先的生物科技中心。他們的計劃 獲政府大力支持,並開設了香港微生物菌群創新 中心Microbiota I-Center (MagIC)。黃教授現為 該中心總監,亦為香港中文大學醫學院教授。

黃教授不僅從事研究,她還致力把研究成果轉 化,並取得重要成就。2019年,安坐於一個舒 適的咖啡廳,品味着兩杯香濃的咖啡,黃教授與 陳家亮教授在餐巾上繪劃了他們的企業藍圖,鎖 定了他們成立企業、轉化創新技術為有效診斷和 治療的決心。精進微生物科技有限公司G-Niib GenieBiome Limited就這樣誕生了。從灣仔一 個小小的共享辦公室,不到三年便擴展至一家超 過百名員工,並為全球前 25 家微生物菌群生物 技術公司之一,成就非凡。

十多年來,黃教授在她的創新研究基礎上精益求 精,新益求新。「病向淺中醫」,是一個黃金定 律,及早檢測至為重要。現在,只需少量糞便樣 本,黃教授便可以解碼腸道內數以萬億計的細菌 基因,利用人工智能驅動算法來及早預測疾病風 險,並且為疾病預防和治療帶來新希望。M3CRC 就是黃教授的其中一項創新發明,她利用糞便樣 本中獨特的細菌基因標記,有效預測大腸癌風險 和復發性瘜肉。最近,她又取得突破性進展,利 用糞便基因測試來預測兒童自閉症風險。 During the unprecedented pandemic, Ng leaves no stone unturned. Riding on the COVID-19 pandemic and seeing an unmet need to boost immunity against SARS-COV-2 virus, she used machine-learning model and developed a novel microbiome formula SIM01 that in clinical studies could improve immunity against COVID-19, enhanced vaccine response and safety and potentially reduced Long COVID risk. G-Niib GenieBiome was awarded gold and silver medals at the Geneva International Inventions for the immunity formula SIM01 and M3CRC diagnostics technology, respectively.

Their innovations have expanded from Hong Kong to Singapore, Malaysia and Greater Bay Area (GBA) and they recently celebrated the grand opening of the first Microbiome Molecular Diagnostic Laboratory in Hong Kong. Ng will continue to apply her microbiome expertise to other diseases including autism, obesity, diabetes and depression.

Ng hopes her breakthrough discovery of fecal bacteria-DNA test will benefit millions of people worldwide in detecting disease early, when it can be cured or be treated more effectively. It is a golden time and the sentiment and environment are ripe for biotech boom in Hong Kong. With the technology of fecal-bacteria DNA testing for colon cancer affirmed, there is no stopping to what G-Niib GenieBiome has to offer in the years to come. Her dream is to bring hope to the next generation by redefining human health with microbiome solutions.

"Innovate with Guts" is her motto.

Development of SIM01 based on science and clinical trials. 成功開發基於科學和臨床測試的 SIM01配方。





Grand Opening of the G-Niib Molecular and Microbiome laboratory. G-Niib分子及微生物菌群實驗室盛大啟用。

新冠肺炎肆虐,全球都在苦苦尋找增強免疫力的 方法。作為醫學科學家,黃教授認為自己責無旁 貸,遂積極進行研究,她使用機器學習模型研發 了微生態配方SIM01,經連串臨床研究證實此配 方可以提升對新冠肺炎的免疫力,增強疫苗反應 和安全性,並有機會降低新冠康復者患上長新冠 的風險。G-Niib GenieBiome 的免疫+ 配方 SIM01 和 M3CRC 診斷技術分別在日內瓦國際 發明展中獲得金獎和銀獎。

公司業務發展迅速,目前已從香港發展至新加 城、馬來西亞及大灣區,近日更開設了香港首個 分子及微生物菌群實驗室。黃教授永不言倦,刻 下正繼續進行多項微生物菌群研究,未來將可應 用於預防和治療包括自閉症、肥胖症、糖尿病和 抑鬱症等多種疾病。

黃教授的夢想,是為下一代帶來健康和希望。她 傾盡全力,就是希望她在糞便細菌基因測試方面 的突破性發現可以造福人類,及早發現疾病,大 大提升痊癒率。今天的香港,生物科技發展已經 成熟,有良好的配套,有充足的資源,是一個黃 金時期進一步推展生物科技。隨著大腸癌糞便細 菌基因檢測的技術已經獲得確認,G-Niib GenieBiome的發展亦將無可限量,微生物菌群 將會是改善人體健康的解決方案。

「敢於創新」是黃教授的座右銘。
Company Milestones 公司里程

202	
 Hong Kong – Expanded to Full Floor Office Launch of G-NiiB M3XTRA® SMT04 Won the Gold Medal at the 2022 Geneva International Exhibition of Inventions: G-NiiB Immunity® SIM01 Won the Silver Medal at the 2022 Geneva International Exhibition of Inventions: G-NiiB M3CRC® Establishment of G-NiiB Molecular and MicroBiome Laboratory Won the NutraIngredients-Asia Probiotics of the Year Award 2022: G-NiiB Immunity SIM01® Won the NilsenIQ BASES Top Breakthrough Innovation Awards 2022: G-NiiB Immunity SIM01 	 香港——擴至全層辦公室 推出G-NiiB M3XTRA[®] 護腸配方SMT04 G-NiiB 免疫+[®] 配方SIM01 榮獲「2022年日內瓦國際發明展」金獎 G-NiiB M3CRC[®] 榮獲「2022年日內瓦國際發明展」銀獎 成立G-NiiB分子及微生物菌群實驗室 G-NiiB 免疫+[®] 配方SIM01榮獲 「NutraIngredients-Asia 2022年度最佳益生菌 大獎」 G-NiiB 免疫+[®] 配方SIM01 榮獲「2022年尼爾森 IQ BASES突破性創新大獎」
 202 Launch of Non-Invasive Colorectal Cancer Risk Prediction Test M3CRC* Hong Kong – Relocate to Half Floor Office Expand to Singapore and Malaysia Series B Funding 	21 • 推出非入侵性大腸癌風險檢測M3CRC* • 香港——搬至半層辦公室 • 擴展業務至新加坡及馬來西亞 • B 輪融資
 Series A Funding Hong Kong – Shared Desk Office Establishment of China Office Launch of G-NiiB Immunity[®] SIM01 	20 • A 輪融資 • 香港——共享辦公室 • 成立中國辦事處 • 推出G-NiiB 免疫+ [®] 配方SIM01
• Establishment of G-NiiB GenieBiome in Hong Kong	19 • 在香港成立G-NiiB GenieBiome





Excellence in Research Application Award 香港創新企業家獎 —— 科研應用獎

Excellence in Research Application Award 香港創新企業家獎 —— 科研應用獎

Dr Lam Fung, Tenny CEO & Co-Founder, Grand Rise Technology Limited 林峯博士

佳昇科技有限公司 首席執行官兼聯合創始人

Nominated by: The Hongkong and Shanghai Banking Corporation Limited 提名人:香港上海滙豐銀行有限公司

Grand Rise Technology

Co-founded in 2019 by Dr Tenny Lam, Doctor of Business Administration, and Professor Pei Li, Department of Applied Biology and Chemical Technology of The Hong Kong Polytechnic University. Grand Rise Technology Limited ("Grand Rise Technology") developed a novel bio-based technology based on the patented core-shell particle technology platform, enabling a new class of amphiphilic core-shell nanoparticles for a wide range of applications such as bio-based anti-microbial coating applications solutions and edible coating for food shelf-life extension. The team puts a strong emphasis on translating research excellence into real-world applications for the benefit of society.

佳昇科技有限公司(「佳昇科技」)由香港理工大 學工商管理博士林峯及應用生物及化學科技學系李 蓓教授於2019年共同創辦,主力研發的專利生物技 術突破了傳統核——殼納米球的技術瓶頸,製成同 時親水和親油的「兩親性核——殼納米球」,可廣 泛應用於不同的應用情景,例如天然生物抗菌抗病 **毒塗層解決方案和可食用水果和蔬菜保鮮塗膜。公** 司一直強調將大學科研成果轉化為實際應用,以造 福社會。





圭昇科技



People are now more concerned about hygiene than ever amid the COVID-19 pandemic. In light of this, during the startup stage, the team developed a solution with a long-lasting antimicrobial effect on various surfaces, while being safe for humans and the environment. Our invented bio-based anti-microbial coating has multiple features: it will not release toxic chemicals which are harmful to the human body; no toxic chemicals will be leaked into the ecosystem, contaminating water and other natural resources; it is developed for prolonged protection.

The team has recently developed the next generation of edible coating for fruit shelf-life extension to replace traditional chemical-based artificial wax to extend the fruit's shelf life, reduce food loss and infection risk during the logistic and delivery stage. The edible coating is designed for perishable and aspirating products like fruits and vegetables to prolong their shelf life. It comprises edible ingredients which can delay ripening, reduce spoilage, and provide anti-microbial protection. 全球新冠肺炎疫情令社會對衛生防護的意識日益 提高,佳昇科技有見及此,團隊成立初期成功研 發納米天然生物抗菌抗病毒塗層。塗層具備多項 優點,例如:不會釋放有毒物質,損害健康;不 會將毒素引入生態系統,污染食水和其他珍貴資 源,影響自然環境;可發揮長效保護作用。以配 合市民大眾及不同行業對安全環保的抗菌抗病毒 防護產品的龐大需求。

團隊最近更開發出創新的可食用塗膜、可代替含 化學物質的傳統「果蠟」,延長水果保和蔬菜鮮 期。減少食物浪費及在運輸中交差傳染風險。可 食用塗膜專為延長易腐爛和快熟的水果和蔬菜的 保質期而設計,它由可食用成分組成,可延緩成 熟,減少腐化敗,並提供抗菌保護。



Two Founders: Prof Pei Li and Dr Tenny Lam 兩位創始人:李蓓教授及林峯博士



Team Members 團隊成員

The achievements of the team have been highly acclaimed throughout the years, earning various international awards, including the Gold Medal in the International Exhibition of Inventions of Geneva 2021 and the China Functional Nanomaterials Best Investment Value Award (First Prize) in the CHInano 2021 Conference & Expo. In 2022, Grand Rise Technology won the Environmental Impact Award in the Alibaba Entrepreneurs Fund/HSBC JUMPSTARTER 2022 Global Pitch Competition. In addition, Grand Rise Technology is selected as Forbes Asia 100 to Watch List in 2022. 多年來,佳昇科技的研究成果獲得多個國際獎 項,包括2021年日內瓦國際發明展金獎,以及 2021年中國國際納米技術產業博覽會中國納米 功能材料最具投資價值一等獎,成績有目共睹。 在今年舉行的「阿里巴巴創業者基金 / 滙豐 JUMPSTARTER 2022 環球創業比賽」中,佳 昇科技奪得「環境保護大獎」。近日,《福布 斯》亞洲公布了2022「亞太地區值得關注的100 家企業」榜單,佳昇科技成功入選。



Factory and Laboratory in Guangdong 廣東工廠和實驗室

Company Milestones 公司里程

20	22
 Alibaba Entrepreneurs Fund/HSBC JUMPSTARTER 2022 Environment Impact Award First Prize of Sustainability Innovation Challenge, Shenzhen-Hong Kong- Macao University Qualifier Area, China Shenzhen Innovation and Entrepreneurship Competition Forbes Asia 100 to Watch New Applications in Textiles and Leathers Industries Retail Cooperation with Good Mask FruitsCoatex Pilot Customers Tests 1st runner-up prize in the ATEC2022 Startup Competition Agrifood Tech Special Prize in the 'Techstyle for Social Good 2022' by The Mills Fabrica 	 阿里巴巴創業者基金 / 滙豐JUMPSTARTER 2022 環球創業比賽環境保護大獎 中國深圳創新創業大賽深港澳高校預選賽附加賽 2022首屆大灣區可持續發展創新挑戰賽團隊組一 等獎 福布斯亞洲100強值得關注企業 紡織和皮革行業的新應用 與GoodMask零售合作 FruitsCoatex試點客戶測試 ATEC 2022科技會議和創業大賽勇奪亞軍 南豐作坊舉辦之Techstyle For Social Good - 農 業及食品科技特別獎
 20 1st Hong Kong Bio-based Antimicrobial Coating CareCoatex Launched with Yip's Chemical HKSTP Incu-Tech Incubation Winner of 2021 Geneva International Exhibition of Inventions Gold Medal First Prize China Functional Nanomaterials Best Investment Value Award 2021 Key Customers Wins: HK PolyU, M+ Museum 	 與葉氏化工合作推出香港首個生物基抗菌塗料 香港科技園公司 Incu-Tech 科技孵化 2021年日內瓦國際發明展金獎得主 2021年中國國際納米技術產業博覽會:中國納米 功能材料最具投資價值一等獎 主要客戶:香港理工大學、M+博物館
Angel InvestorPolyU TLF Matching Fund	 • 天使投資者 • 香港理工大學TLF配對基金
• Company Setup	19 • 公司成立







Mr Leung has over 15 years' experience in the life science and finance industries. Currently, he is the Chairman of Great Bay Bio and also serves as Director in both Uni-bio Science Group and DotBio. He has broad experience in sourcing, evaluating and executing new growth opportunities, supporting the execution and alliance management of 8 deals, including the in-licensing of next generation oncology, inflammation and respiratory drugs from MNCs.

Mr Leung also has extensive experience in the finance industry where he worked in healthcare investment banking in Merrill Lynch and a family office, helping evaluated IPO opportunities for multiple companies across the US and PRC. Up to date, Mr Leung has led and successfully raised over US\$60M across multiple of his ventures. Mr Leung was awarded the prestigious honour of World Outstanding Young Leaders Award from Yazhou Zhoukan in 2016, Entrepreneur of the Year from CAPITAL in 2017, Young Industrialist Awards of Hong Kong in 2020, and Gen.T Social Impact and Leader of Tomorrow 2021.



梁國龍先生在生命科學與金融業擁有超過十五年的 工作經驗,對於生物技術和金融投資擁有獨特的見 解和前瞻性。目前,梁先生擔任三家頂尖生物技術 公司董事長,在其10多年的職業生涯內曾先後服 務過國際大型金融機構以及中小型生物企業,具備 一套有效且宏觀的管理方法。曾成功領導完成多項 收購及集資專案,其中,成功集資一項超6000萬 美元項目,8項收購合作包括與江蘇豪森、美國 BMS、澳大利亞CSL等合作夥伴的項目。

除管理及經營企業外,梁先生還參與了多個政府 機構的行業協會及組織。梁先生于2016年獲得 由《亞洲週刊》頒發的世界傑出領袖大獎, 2017年《資本》雜誌頒布的傑出企業家大獎, 2020年香港青年工業家獎,2021年Gen.T「中 國社會影響獎」與「新鋭先鋒雙獎殊榮」。



Great Bay Bio Office 大灣生物辦公室 Mr Leung is currently a Chartered Financial Analyst and a member of The Hong Kong Society of Financial Analysts. He was also elected the Vice Chairman of Pharmaceutical & Chemical group of the Federation of Hong Kong Industries (FHKI). Mr Leung holds a BSc in Biochemistry from Imperial College London, an MSc in Pharmacology from the University of Oxford, and EMBA from Tsinghua-INSEAD. In addition, he holds a Professional Diploma in Corporate Governance & Directorship from the Hong Kong Institute of Directors.

Great Bay Bio Limited ("GBB"), headquartered in Hong Kong, was founded in 2019 with extensive footprint in the Greater Bay Area. Adhering to the corporate vision of "Global Bioprocessing Made Simpler and More Efficient", GBB is committed to applying AI and other cutting-edge technologies to promote bioprocessing innovations, thus solve pain points, such as long timelines, high cost and low success rate, in drug development. GBB takes improving human life, health and value as its long-term goal.



Great Bay Bio 大灣生物公司



Lab Equipment - Biochemical Analyser 實驗室設備——生化分析儀

2019年到2021年,梁先生成功當選香港工業總 會(FHKI)化工與製藥分會的副主席。梁先生 先後獲得特許金融分析師,倫敦帝國理工學院生 物化學專業學士學位和牛津大學藥理學專業碩士 學位,並已經攻讀完清華大學 INSEAD EMBA 學位。

大灣生物有限公司(「大灣生物」)2019年成立 於粤港澳大灣區,總部位於香港科學園。秉持 「讓全球生物工藝開發更簡單更高效」的企業願 景,大灣生物致力於將人工智能平台應用於推動 生物工藝技術革新,解決藥物開發週期長、成本 高、成功率低等諸多痛點,並將提升人類生命健 康與價值作為長期奮鬥目標。



Great Bay Bio Reception 大灣生物前台



Great Bay Bio Laboratory 大灣生物實驗室

The core team of GBB is composed of global talents with expertise in medicine, pharmacy, synthetic biology and AI. With a 3000m² R&D center and CMC platform, GBB has successfully pushed several biological drugs into the NDA stage, including national class 1 new drugs. During the three years since its establishment, GBB has applied for more than 30 patents for its AI empowered bioprocesses solutions. The resulting AI platforms were successfully commercialised, enabling GBB to establish long-term cooperation with many domestic and foreign leading enterprises.

GBB has attained the titles of National "High-Tech Enterprise" twice in a row by the National High-Tech Enterprise Certification Management Leading Group Office, "Sprouts List Most Valuable Enterprises for Investment in China for the Year 2020" by the Zero2IPO Group, "Top 50 Innovative Biotechnology Companies in Guangdong-Hong Kong-Macao Greater Bay Area Award 2020" by ZDVC RESEARCH and KPMG China, "Top 15 in the 2021 Merck Greater Bay Area Innovation Bootcamp" and "Spring Class of Microsoft accelerator entrepreneurship acceleration plan in 2022". 大灣生物核心團隊由海內外多位來自醫學、藥 學、合成生物學及人工智能等領域專家組成,擁 有3000平方米的研發實驗基地及CMC平台,已 成功將多個生物藥推入NDA階段,其中包括國家 1類新藥。成立三年間,大灣生物已申請人工智 能藥物開發專利30餘項,並將多款人工智能技術 平台成功商業化,和國內外多家頭部企業建立了 長期合作。

成立至今,大灣生物連續兩次被國家高新技術企 業認證管理領導小組辦公室授予「國家高新技術 企業」稱號,並獲得多項殊榮,如「2020年中 國最具投資價值企業榜單——新芽榜150強」、 「2021年第三屆粵港澳大灣區生物科技創新企 業50強」、「2021年默克粵港澳大灣區創新訓 練營15強」、「2022年微軟加速器創業加速計 畫春季班」等。



Industrial Park 工業園區



Laboratory Equipment – High Performance Liquid Chromatography 實驗室設備——高效液相色譜儀

Company Milestones 公司里程

20	22
 Launched AI-enabled Site-Specific Integration Cell Line Development Platform, AlfaCell[®] Landed US\$15M Pre-Series B Funding Led by Tiger Jade Capital Listed on 2022 Spring Semester of Microsoft Acceleration Programme 	 定點整合細胞株開發平台AlfaCell®正式上線 完成由泰欣資本領投的超億元Pre-B輪融資 入選微軟加速器創業加速計畫2022年春季班榜單
20	21
 Forged Strategic Alliance with Cheerland Life Science Forged Strategic Alliance with ChemPartner Joined NVIDIA's Inception Programme and Won the Sepcial Prize of NVIDIA Startup Final Presentation Landed nearly US\$10M Series A Funding Led by Promixa Ventures and GL Ventures Awarded the Gen.T Social Impact and Leader of Tomorrow 2021 Entered Top 15 of 2021 Merck Greater Bay Area Innovation Bootcamp Entered Hong Kong Science Park Forged Strategic Alliance with Chime Biologics Launched AI-enabled Cell Line Stability Prediction Platform, AlfaStaX[®] Completed US\$3.8M Convertible Note Financing Led by Alibaba Hong Kong Entrepreneurs Fund 	 - 與深圳樂土達成戰略合作 - 與上海睿智達成戰略合作 - 加入英偉達初創加速計畫並榮獲英偉達初創企業最終展示特等獎 - 完成近千萬美元A輪融資 - 完成近千萬美元A輪融資 - 榮膺Gen.T 2021年度「中國社會影響力獎」與「新銳先鋒」 - 入圍2021默克粵港澳大灣區創新訓練營15強 - 入駐香港科學園 - 與鼎康生物達成戰略合作 - 細胞株穩定性預測平台AlfaStaX®正式上線 - 智能化培養基開發平台AlfaMedX®正式上線 - 完成由阿里巴巴香港創業者基金領投的380萬美元 債轉股融資
20	20
 Awarded the Top 50 Innovation Biotechnology Companies Among the Top 150 of the Sprout List and Awarded as One of the Most Valuable Companies for Investment in China in 2020 Awarded the High-Tech Enterprise Awarded the "Young Industrialist of Hong Kong 2020" Launched AI-enabled Cell Line Development Platform, Klone4.0™ Approved to Set Up Doctoral Workstation in Guangdong 	 • 評定為第三屆粵港澳大灣區生物科技創新企業50強 先鋒企業 • 評定為2020年中國最具投資價值企業新芽榜150強 • 評定為國家高新技術企業 • 榮獲香港青年工業家獎 • 智能化細胞株開發平台Klone4.0™正式上線 • 評定為廣東省博士工作站
	10
 Signed Memorandum of Cooperation with Pengcheng Awarded Merit Award for Innovation Hong Kong SME Injected with US\$2.5M Convertible Note The Establishment of Great Bay Bio 	 19 ・與鵬城實驗室簽訂合作備忘錄 ・榮獲香港中小企創新優異獎 ・獲得股東250萬美元債轉股 ・大灣生物成立





ESG Award 香港創新企業家獎 —— 傑出ESG獎



Dr Ricky Chiu has been recognised as being one of the top leaders in the biotechnology field in Hong Kong. He is driven by his passion to serve humanity. Born in Hong Kong and trained in the United States, he has developed a proprietary PHASIFY[™] technology that significantly improves the speed and accuracy of diagnostic testing, thus enabling much earlier detection of cancers and infectious diseases. This has profound impact on public health, changing the way we approach the treatment of diseases, and early detection might reduce excess deaths associated with such diseases. 招彥燾博士被公認為香港生物科技領域的頂尖領 袖之一,一直竭誠為人類服務。招博士在香港出 生,遠赴美國接受教育。他研發的革命性 PHASIFY™技術可顯著提高檢測的速度和準確 性,令癌症和傳染病可在早期階段已被檢驗出 來。這對公共衛生締造了深遠的影響,一方面可 改變我們面對疾病的治療模式,另一方面透過早 期診斷可有效減少相關疾病的死亡率。



Pioneered "Dual-Track" community testing to identify COVID patients sooner. 率先在社區推行「雙軌」檢測,加快識別陽性患者。

As COVID-19 spread in early 2020, we witnessed Dr Chiu's commitment to using the advanced technology he developed to address the pandemic situation. On the research and development side, he led his team at PHASE Scientific to develop a series of highly accurate COVID-19 diagnostic products, including the FDA-approved INDICAIDTM COVID-19 rapid antigen test (RAT). On the manufacturing side, he ramped up his company's production capacity to tens of millions a month to meet the world's urgent need for RAT and assisted Hong Kong and the other countries and regions in limiting the spread of the disease.

As a scientist who deeply cares about public health, Dr Chiu's dedication to corporate social responsibility goes beyond his company. In the fourth wave of the city's pandemic, he established a COVID-19 laboratory, became the Government's testing contractor and began to offer accurate and reliable testing services to meet the increasing demand for PCR testing services in the city. During the emergency lockdown mission, he advocated for "Dual-Track" testing, in which RAT was used in parallel with PCR to assist in spotting positive cases earlier and taking effective quarantine measures sooner. He also advocated continually for the use of RAT in order to halt the hidden virus chains in the fifth wave, ultimately helping the city return to normalcy gradually. These are all valuable contributions that have allowed Hong Kong to make it through different pandemic waves.



Conducted over 7.4 million PCR tests for Hong Kong residents. 為香港居民提供超過740萬次核酸檢測。

2020年初,新冠肺炎病毒開始快速傳播,我們見 證了招博士通過他的先進技術來對抗病毒大流行 的承諾。在研發工作方面,他帶領相達生物科技 團隊開發了一系列精準的新冠檢測產品,包括美 國食品藥物管理局認可的INDICAID™妥析™新 冠病毒快速抗原測試劑盒。在生產製造方面,他 因應世界對快速抗原測試產品的迫切需求,不斷 提高公司的產能至每月生產數千萬盒,以協助香 港和其他地區控制病毒傳播。

作為一位深切關心公共衛生的科學家,招博士致 力履行企業社會責任。面對香港第四波疫情爆 發,社區對核酸檢測服務的需求大增,他成立新 冠檢測化驗所,成為政府的核酸檢測承辦商,為 社區提供了快捷準確的檢測服務。政府執行大規 模封區期間,他倡議推行「雙軌」檢測,即同時 採樣進行核酸檢測和快速抗原測試,以幫助盡早 揪出陽性患者,加快採取有效的隔離措施。第五 波疫情爆發的時候,他大力推動在社區使用快速 抗原測試,以盡快截斷隱形傳播鏈,緩減病毒的 傳播,最終幫助香港逐步恢復社會常態。這些都 是寶貴的貢獻,陪伴香港走過一波又一波的疫情。



In charge of the first precise community lockdown, and developed a protocol for subsequent lockdown operations. 負責首個精準的封區行動,並為後續的強制封區安排制定運作藍圖。



Advised HKSAR Government to use rapid antigen tests as a vital anti-pandemic measure. 向香港特區政府提供防疫建議,使用快速抗原測試作為重要抗疫措施。

Dr Chiu is also devoted to charitable causes. In addition to supporting the HKSAR Government in its mass distribution of RAT across the city, he donated INDICAIDTM RATs to local charities to facilitate their operations, to low-income families with hospitalised members and elderly and disabled homes to resume visits, and to overseas non-profit organisations to mitigate the effects of COVID-19 on the respective areas. In the fifth wave of COVID-19, when the medical system in Hong Kong was severely challenged and children were not receiving immediate medical support, he provided over a thousand of free telemedicine and medication delivery services to young patients so they could receive timely treatment.

Dr Chiu believes that actions taken in one area will have an impact on outcomes in other areas, and that sustainable development must be able to balance social, economic, and environmental considerations. Going forward, he and the team will focus on diagnostic innovations to assist in the detection of different diseases. Additionally, the company will be among the first tenants to move into the newly opened Advanced Manufacturing Centre later this year to implement smart manufacturing processes and further improve the production efficiency. The company is also looking into the use of biobased materials to make its end products more environmentally friendly. With regards to corporate governance, they will ensure the business is run in accordance with sustainable goals through the application of good governing practices. 招博士注重回饋社會,除了全力支援特區政府在 全港大規範派發快速測試的行動外,他還捐贈 INDICAID™妥析™快速測試給本港的慈善團體 以協助機構在疫情期間的工作、給低收入家庭好 讓他們可恢復探訪在醫院和院舍的家人,同時給 海外非營利組織減輕新冠病毒對相關區域帶來的 影響。第五波疫情期間,香港的醫療系統受到嚴 重打擊,很多確診兒童無法立即時獲得醫療支 援,招博士更提供過千次免費遙距診症和送藥服 務,幫助兒童獲得適時的治療。

招博士認為一個決定、一個行動可以影響一連串 結果,可持續發展必須平衡社會、經濟和環境方 面的考慮。展望未來,他和團隊將專注於檢測領 域的創新和發展,以協助診斷不同疾病。此外, 相達生物科技將於今年稍後時間進駐新開幕的先 進製造業中心,成為第一批入場租戶之一,透過 實施智慧製造流程以提升其檢測產品的生產效率, 同時研究通過採用生物基含量原材料,使產品更 加環保。在公司管治方面,他們將通過實施良好 的管治守則,以確保業務運作符合可持續發展的 目標。

Company Milestones 公司里程

20	22
 Advocated for the use of RAT as a vital anti-pandemic measure to halt the hidden virus chains in the community Played multiple roles to fight against the pandemic: securing RAT supplies for the city, providing public education about RAT as a convenient and effective self-testing tool, maintaining community PCR testing services, running pandemic hotlines, and delivering door-to-door PCR tests to RAT positive residents 	 倡議使用快速抗原測試作為重要抗疫措施,截斷社區的隱形傳播鏈 擔當不同角色應對疫情:確保香港快測穩定供應、教育市民使用快測作為方便有效的自測工具、維持社區核酸檢測服務、提供疫情支援熱線、為快測陽性患者提供檢酸檢測試劑上門送遞及收集服務
20	21
 In charge of the first mandatory community lockdown and developed a protocol for subsequent lockdown operations Implemented " Dual-Tack" testing and introduced the use of RAT in the community to assist in spotting positive cases earlier and taking effective quarantine measures sooner INDICAID[™] COVID-19 Rapid Antigen Test became the first RAT in Greater China to have obtained the US FDA EUA 	 ●負責首個強制封區行動,並為後續的封區安排制定 運作藍圖 ●推行「雙軌」檢測,在社區推動使用快速抗原測 試,以助盡早揪出陽性患者,加快採取有效的隔離 措施 ● INDICAID™妥析™新冠病毒快速抗原測試成為 大中華區首個獲美國食品藥物管理局緊急試用授權 的新冠快測
 Developed a series of COVID-19 diagnostic products within a very short time frame Built a COVID-19 testing lab and became the HKSAR Government PCR testing contractor 	 20 在極短的時間內發明了一系列新冠檢測產品 成立新冠檢測化驗所,並成為特區政府核酸檢測承 辦商
• Dr Chiu returned Hong Kong and established PHASE Scientific's global headquarters. He extended the application of his PHASIFY™ technology to cancer screening and infectious diseases detection	 17 ·招博士回流香港並創立相達生物科技的全球總部。 他將PHASIFY™技術的應用擴闊到癌症篩查和傳 染病檢測
20	15
Dr Ricky Chiu founded PHASE Diagnostics in the US	• 招彥燾博士在美國創立 PHASE Diagnostics





Corporate Innopreneur Award 香港創新企業家獎 —— 企業創新獎



Founded in 1989, Biel Crystal Holdings Limited (Biel) is a leading global provider of exterior structure and module solutions for smart devices. Our products are widely used in smart digital devices, smart wearable devices, AR/VR glasses and automotive industry. Our business layout covers cell phone glass cover, cell phone metal shell, touch and fingerprint sensor module, camera optical glass, sapphire watch panel and ceramic accessories, etc. We are leading these fields for a long-term.

伯恩光學控股有限公司(「伯恩光學」)創立於 1989年,是全球領先的智慧設備外觀結構及模 組方案提供商。產品廣泛應用於智慧數碼設備、 智慧穿戴設備、AR/VR眼鏡及汽車行業,業務佈 局涵蓋手機玻璃蓋板、手機金屬外殼、觸摸及指 紋感應模組、攝影鏡頭光學玻璃、藍寶石手表面 板、陶瓷配件等領域,並在上述領域長期享有領 導地位。



Huizhou Qiuchang Production Base 惠州秋長生產基地



Intelligent Equipment 自動化設備



Refer to "Technology Innovation, Green Environment, Cooperation and Win-win", Biel insists on the demand-oriented, innovation-oriented and technology-fashionable coordinates, and keeps exploring the boundary of intelligent aesthetics. By providing high quality products, Biel has won the praise of many high-end smart phone enterprises and prestigious watch brands.

With more than 30 years of technological innovation and excellent management, Biel has become a large technology innovation group with 8 advanced production bases worldwide, invested over HK\$40 billion that covering a total area of industrial zones about 2 million square meters, employing more than 80,000 people and creates annual production capacity of 1.85 billion pieces. Biel has been awarded as ""Manufacturing Excellence" Achievement Award", "The Most Influential Enterprise in Global Touch Panel Industry", "The Most Competitive Enterprise in Guangdong Province", "The Most Socially Responsible Enterprise in Guangdong Province", "Huizhou Modern Industry Top 100 Key Cultivation Project", "China Touch Association" Vice President unit, "Guangdong Top 100 Enterprises" and "Guangdong Top 100 Manufacturing Industry" ranked 19th for four consecutive years.

Focusing on technology development and innovation, Biel has made efforts to introduce domestic and foreign high-tech equipment for production and Research & Development (R&D), set up a product technology R&D center and three main laboratories, invested more than HK\$1 billion in R&D, and obtained a total of 310 invention, utility model and design patents in many fields such as optical glass sapphire glass processing, touch screen R&D, and fingerprint module assembly. 伯恩光學秉承「科技創新、綠色環保、合作共 贏」的理念,堅持以需求為導向、創新為抓手、 科技時尚為座標,不斷探索智慧美學的邊界。通 過提供高品質的產品,贏得多家世界級智慧手機 龍頭企業和知名手錶企業的信任。

憑藉30餘年的技術創新和卓越經營,伯恩光學已 成為在全球擁有8個先進生產基地,總投資逾400 億港元,總佔地面積約200萬平方米,僱員逾8萬 人,年產能18.5億片的大型科技創新集團。被認 定為「國家級高新技術企業」,先後榮獲「『創 新科技』成就大獎」、「全球觸控式螢幕行業最 具影響力企業」、「廣東省最具社會責任感企業」、「惠州 市現代產業100強重點培育項目」、「中國觸控 協會」副會長單位、連續四年入列「廣東省百強 企業」、「廣東省製造業百強」排名19位。

伯恩光學注重技術研發和創新,著力引進國內外 高科技設備用於生產和研發,成立產品技術研發 中心和3個重點實驗室,投入研發費用超過10億 元,在光學玻璃藍寶石玻璃加工、觸控螢幕研 發、指紋模組組裝等諸多領域獲得了發明、實用 新型、設計專利共310項。



Back Cover Glass for Phone 手機玻璃後蓋

Smart Watch Sapphire Back Cover 智能手錶藍寶石後蓋

Automobile Dashboard Cover Glass 車載屏幕面板

VR Optical Films VR眼鏡鏡片



Donated HK\$200m to City University of HK 捐款香港城市大學港幣2億

Green Initiatives 踐行綠色環保

In terms of sustainable development, Biel cooperates with renowned universities and authoritative institutions in industry-academia-research. We are coordinating with the Hong Kong Polytechnic University to promote advanced academic research in glass processing and manufacturing technology. We donated City University of Hong Kong to carry out animal medicine research business and overseas exchange activities for students to breed more international talents.

Biel has carried out and implemented nearly 20 energy-saving technical transformation projects, vigorously promoted different international quality, environment, health and safety, energy and social responsibility management system standards and certifications. We are striving to build a world class enterprise. In 2019, we were awarded the honor of "Green Factory Demonstration Unit of the National Ministry of Industry and Information Technology" by expert review and third-party certification.

As a socially responsible company, Biel is concerning about the social welfare while growing and developing. Dr Yeung Kin Man and Mrs Lam Wai Ying are enthusiastic about public welfare, leading the enterprises have donated a total of over HK\$400 million to the community. These good deeds have been highly evaluated and praised by The Government of the Hong Kong Special Administrative Region, Guangdong Province government and various sectors of the society. Biel has been awarded the Model Charity Award of Huizhou City for many years. Moreover, has been named as one of the top ten enterprises with outstanding contribution to the 10th anniversary of poverty relief activities in Guangdong Province.

在可持續發展方面,伯恩光學與知名大學和權威 機構開展產學研究合作,在玻璃加工及製造技術 上聯合香港理工大學,推動進階學術研究。助力 香港城市大學,開展動物醫學研究事業和學生海 外交流活動,孕育出更多國際化人才。

伯恩光學開展和實施近20多項節能技改項目,大 力推行不同國際品質、環境、能源、健康安全和 社會責任管理體系標準及認證,著力打造世界級 一流企業。2019年經專家評審及協力廠商單位 認證,伯恩光學獲得「國家工信部綠色工廠示範 單位」榮譽。

作為一家肩負社會責任的企業,伯恩光學在不斷 發展壯大的同時,心繫社會公益事業。楊建文博 士、楊林惠英夫人熱心公益,帶領企業累積向社 會各界捐款、捐物共計港幣4億多元。這些善舉, 得到了香港特別行政區政府、廣東省政府及社會 各界的高度評價和讚譽。伯恩光學連續多年榮獲 惠州市慈善楷模獎,更被評為廣東省扶貧濟困活 動10周年突出貢獻十大愛心企業。

Company Milestones 公司里程

	20	22	
Building Biel Crystal production base in Switzerland		•	伯恩光學瑞士產業園籌建中
 Established a joint research and development laboratory with Xiaomi C in Shenzhen Henggang production to strengthen our R&D cooperation w 	20 Corporation vith Xiaomi 20	•	於橫崗生產基地建立聯合研發實驗室,強化與小米 集團的研發合作
• The first company in the world to provide glass-ceramic cover in sma	artphones	•	全球第一家提供智能手機微晶玻璃蓋板解決方案的公司
 Established a joint research and development laboratory with cust Sanhe production base Danshui production base commenced operation in Huizhou 		•	在中國惠州市三和生產基地與客戶X建立聯合研發 實驗室 中國廣東省惠州市淡水生產基地投入營運
• Reached annual sale of 70 million pieces of 3D cover glasses for smar		•	智能手機3D玻璃蓋板的年銷量達到70,000,000 (70百萬)件
 Expanded our manufacturing operations to Bac Ninh Province, Vie Established a branch office in South Korea 		•	將生產營運擴大至越南北寧省成立南韓分公司
 Reached annual sale of 25 million pieces of 3D cover glasses for smar Established Sanhe production base in Huizhou 		•	建立中國內蒙古通遼生產基地,從事生產合成藍寶 建立中國廣東省惠州市三和生產基地
 Established Yonghu production base in Huizhou China Set up a laboratory in Qiuchang production base Began to develop the cover solutions for automobiles 	20	•	建立中國廣東省惠州市永湖生產基地 於惠州市秋長生產基地設立實驗室 開始為汽車開發蓋板解決方案
• Established Tongliao production base in Inner Mongolia Ch engage in the production of synthetic sapphire crystal	ina to	•	建立中國內蒙古通遼生產基地,從事生產合成藍寶 石水晶
• The first in the world to successfully develop and launch 3D cover glasses for sr		•	公司於全球率先成功開發及推出智能手機3D玻璃蓋板
• Established business relationship with customer Y, and began of cover glass solutions for smartphones	20 offering		開始與客戶Y建立業務關係,並開始為其智能手機 提供玻璃蓋板解決方案
• Established Qiuchang production base in Huizhou China	20	•	建立中國廣東省惠州市秋長生產基地
• Established business relationship with customer X and provided glasses for their products		•	與客戶X建立業務關係,並為其產品提供部件
Invested in the research and development of mobile phone cover glass provide cover glass solutions for mobile devices	20 sses, and 19	•	投入手機玻璃蓋板研發,為移動設備提供玻璃蓋板 解決方案
 Incorporated the predecessor of our group – Fuji Crystal Manufactoryl in Hong Kong 	Limited	•	集團前身富士光學有限公司於香港註冊成立
• Established Henggang production base in Shenzhen Chir commenced the manufacturing of cover glass for mechanical wate	19 na and ches		在中國深圳市建立橫崗生產基地,並開始為機械手 表生產玻璃蓋板

Corporate Innopreneur Award 香港創新企業家獎 —— 企業創新獎

Prenetics Global Limited (Nasdaq: PRE) Prenetics

Founded in 2014, Prenetics Global Limited ("Prenetics") is a global leading diagnostics and genetic testing company with the mission to build the world's first end-to-end health ecosystem by placing online and offline clinical care in consumer's control, across consumer health, medical and cancer genomics.



成立於2014年, Prenetics Global Limited ("Prenetics")是全球主要的基因及診斷檢測公 司,矢志通過為消費者提供隨時可供使用的消費 者健康、醫療及癌症基因組學的線上線下臨床護 理,以建立全球首個端對端健康生態系統。

Prenetics is a major global diagnostics and genetic testing company with the mission to bring health closer to millions of people globally and decentralise healthcare by making the three pillars — Consumer Health, Clinical Care and Medical & Cancer Genomics — comprehensive and accessible to anyone, at anytime and anywhere.

Prenetics是全球主要的基因及診斷檢測公司,透過專注於消費者健康、臨床護理和醫療和癌症基因組學的三大支柱,致力實踐去中心化醫療保健行業的使命,把健康帶到全球數以百萬計的群眾身邊,無論何時何地,任何人士都會得到全面並且簡易的相關服務。



Prenetics is led by visionary entrepreneur, Danny Yeung, with operations across 9 locations, including the United Kingdom, Hong Kong, India, South Africa, and Southeast Asia. Danny Yeung is the Co-Founder of Prenetics and has served as Chief Executive Officer since its inception in 2014. Mr Yeung's journey into healthcare started as a way to utilise his extensive entrepreneurial career to make an impact for society. Mr Yeung's vision from day 1 was to always turn Prenetics into a global health company, recruiting the best talent, and to give everyone the power to be in control of their own health.

On 18 May 2022, Prenetics made international headlines to become Hong Kong's First Unicorn to publicly list on the Nasdaq with ticker symbol "PRE".

Prenetics has a proven track record in transforming frontier sciences into commercial products and solutions to meet new market demand. In July 2019, Prenetics launched CircleDNA, an in-house developed consumer genetic testing service. CircleDNA employs the Whole Exome Sequencing (WES) method and uses an in-house developed algorithm to decipher and interpret the sequencing results, and brings technologically advanced genetic testing to customers along with comprehensive reports accessible at their fingertips. Prenetics has expanded its products and services to diagnostic testing with the launch of COVID-19 testing services under Project Screen in April 2020. The company was one of the first private laboratories to have been appointed by the Hong Kong government for mass community COVID-19 testing and it is one of the largest COVID-19 testing providers to the Hong Kong government. As of December 2022, Prenetics has performed more than 28 million Covid-19 tests in the UK and Hong Kong.

Prenetics 由高瞻遠矚的企業家 Danny Yeung (楊聖武)先生領導,業務遍及九個地區,包括 英國、香港、印度、南非及東南亞。楊先生為 Prenetics的聯合創始人,自2014年公司成立以 來擔任行政總裁。他通過豐富的創業經驗邁入醫 療保健領域,以貢獻社會。從第一天開始,楊先 生便希望將Prenetics發展為全球醫療保健公司, 廣納人才,讓每一個人能夠控制自己的健康。

於2022年5月18日,Prenetics成為香港首間成功在納斯達克上市的獨角獸公司,並因此登上國際頭條新聞,股票代號為「PRE」。

Prenetics往續驕人,成功將前沿科學轉化為商 業產品和解決方案,以滿足新市場需求。於2019 年7月,Prenetics推出CircleDNA,一項內部開 發的消費者基因測試服務。CircleDNA採用全外 顯子組測序(WES)技術,並利用內部開發的算 法解讀和詮釋測序結果,令客戶可隨時隨地進行 先進基因測試以及取得全面的報告。Prenetics 於2020年4月推出Project Screen項目下的新冠 病毒檢測服務,將其產品及服務擴展至診斷測試 範疇。公司是首個獲香港政府委任進行社區新冠 病毒檢測的私人實驗室之一,亦是香港政府最大 的新冠病毒檢測服務供應商之一。截至2022年 12月,Prenetics已在英國及香港進行逾2800萬 次COVID-19快速測試。



[§]CircleDNA is the world's most comprehensive clinical-grade consumer DNA test. CircleDNA是全球最全面的消費者DNA檢測。

This year, Prenetics has expanded its product pipeline through the launch of 3 new innovative products; ColoClear by Circle, Circle Snapshot and CirclePaw. ColoClear is a non-invasive stool DNA test for the early detection of colorectal cancer. The company has successfully launched ColoClear in Hong Kong in June 2022. In August 2022, Prenetics launched Circle SnapShot, an at-home painless blood test that is designed to provide key insights across 50+ health concerns, including food sensitivity, sexual health, heart health, and many more. In November 2022, Prenetics launched its first DNA test for dogs, CirclePaw, that provides 200+ insights on genetic health risks, breed composition, and physical & behavioral traits.

On December 30, Prenetics completed the acquisition of ACT Genomics (ACT), the first acquisition since the company's IPO in May 2022. ACT is a pan-Asia integrated cancer solution provider with operations across Hong Kong, Taipei, Singapore, Japan, Bangkok and UK. This acquisition allows Prenetics to offer a full suite of products from consumer health to medical and cancer genomics testing, positioning the company as one of the cancer genomics leaders in Asia.

At a global level, Prenetics plans to expand its business in the areas of clinical cancer genomics, virtual care and primary care clinics through strategic acquisition. The synergies will be able to provide the company the tools needed to achieve its vision in building the world's first global end-to-end healthcare ecosystem.



[^]Circle SnapShot, an at-home blood tests that feature the world's first painless, patented blood collection device, to enable individuals to discover one's current health status from home.

Circle SnapShot 是革命性的居家血液測試產品,採用全球首款專利按鈕式無痛採血器,讓市民安在家中便能知道自己的健康狀況。

Prenetics今年推出三項創新產品,分別為 ColoClear by Circle, Circle SnapShot及 CirclePaw,進一步擴大其產品組合。前者為非侵 入性糞便DNA測試產品,用於大腸癌早期檢測。 公司於2022年6月在香港推出ColoClear。於2022 年8月,Prenetics亦推出Circle SnapShot居家無 痛血液測試產品,提供50多項健康問題的重要資 訊,包括食物敏感、性健康、心臟健康等。於 2022年11月,Prenetics 推出 CirclePaw寵物基因 測試能為狗隻提供200多項實用健康報告,涵蓋疾 病風險、品種、身體及性格特徵。

此外,Prenetics於12月30日已完成收購行動基因 股份有限公司(「行動基因」),此乃Prenetics 自2022年5月上市以來首宗收購交易。行動基因 是一家泛亞洲綜合癌症解決方案供應商,在香 港、台北、新加坡、日本、曼谷和英國均有業務 營運。是次收購讓Prenetics能提供消費者健康以 至醫療和癌症基因檢測的全面產品組合,將其定 位為亞洲其中一家領先癌症基因企業。

全球方面,Prenetics計劃透過策略收購擴展其在 臨床癌症基因組學、線上問診及基礎護理診所領 域的業務,所締造的協同效益將為公司提供所需 工具,助其實現建立全球首個全球端到端保健生 態系統的願景。

Company Milestones 公司里程

. ,	2022
 Listed on Nasdaq (PRE) Over 28m covid-test processed ColoClear launch* Circle SnapShot launch^ CirclePaw launch# Acquired ACT Genomics 	 納斯達克上市 (PRE) 已進行超過 2,800 萬個 COVID-19 測試 推出 ColoClear (常備清)* 推出 Circle SnapShot[^] 推出 CirclePaw[#] 收購行動基因
	2020
 Start Covid-19 testing in HK & UK Covid-19 testing in 6 airports globally Strategic partnership & R&D collaboration with University of Oxford 	 在香港和英國開始新冠病毒PCR檢測 在全球 6 個機場進行 COVID-19 測試 與牛津大學的戰略性研發合作
	2019
 Launched new consumer DNA test – CircleDNA[§] 	• 推出全球最全面的消費者基因檢測——CircleDNA [§]
	2018
Acquired DNAFit	• 收購 DNAFit
	2016
Launched the first genetic test	• 推出首個基因檢測
	2014
• Founded in 2014	2014 • 成立於2014年



*ColoClear is a non-invasive stool DNA test, the only cancer screening test approved by the National Medical Products Administration (NMPA), to detect early signs of colorectal cancer. ColoClear是唯一獲中國國家藥監局批准的非侵入式結腸癌篩查 檢測,能準確偵測大腸癌的先兆。



 $\ensuremath{^\#}\xspace{CirclePaw}$ an advanced new DNA test for dogs that uncovers 200+ insights on genetic health risks, breed composition, and physical & behavioral traits. CirclePaw為狗隻而設的基因測試能提供200多項實用健康報

告,涵蓋疾病風險、品種、身體及性格特徵。





Ecosystem Catalyst Award 香港創新企業家獎 —— 生態圈促進獎

Ecosystem Catalyst Award 香港創新企業家獎 —— 生態圈促進獎

Alibaba Hong Kong Entrepreneurs Fund 阿里巴巴香港創業者基金





Alibaba Hong Kong Entrepreneurs Fund (AEF) is a not-for-profit initiative launched by Alibaba Group in 2015. Our mission is to support young people in Hong Kong to fulfil their startup dreams, while contributing to the community. Exploiting a pioneering and sustainable model, we aspire to bolster innovation and entrepreneurship in order to help Hong Kong stay vibrant and emerge as an international innovation and technology hub.

AEF at a glance since 2015*

- Assessed 11,000+ business proposals
- Invested over US\$80 million in 60 startups
- Attracted over US\$2.5 billion worth of co-investments
- Created 1,500+ jobs in Hong Kong through our investments
- Benefited 3,000+ students via various youth entrepreneurship programmes



阿里巴巴香港創業者基金(AEF)是阿里巴巴集 團在2015年創立的非牟利項目。我們成立目的是 希望協助香港年輕人實踐創業夢想,並促進香港 的初創發展。我們亦熱衷培養創新及創業家精 神。並以嶄新及可持續發展的模式來支持創業家 及初創企業,致力推動香港成為全球創新科技樞 紐。

- 「數」說AEF *
- •評估逾11,000份商業計劃書
- 向60家初創企業投資超過8,000萬美元
- 吸引超過25億美元共同投資
- 通過投資令初創企業在香港創造逾1,500個職位
- 通過AEF青年計劃幫助3,000多名學生培育創 業家精神



Empowering Startups

AEF invests in early-stage technology startups with innovative business models through AEF Hong Kong Fund and AEF Greater Bay Area Fund, to support their development and expansion. Our portfolio companies span over a wide range of industries including but not limited to artificial intelligence (AI), biotech, e-commerce, edtech, enterprise services, fintech, gaming, green tech, healthcare, industry 4.0, IOT, regtech, robotics, semiconductor and travel tech.

Apart from capital, we provide our portfolio companies with strategic guidance and business networks via a diversified pool of mentors, helping them expand their businesses locally and internationally. Through Alibaba ecosystem, we are able to effectively assist these companies in finding potential business opportunities.

Supporting innovation and entrepreneurship

We believe innovation and entrepreneurship are indispensable to Hong Kong's vibrancy. Hence, we have pioneered initiatives to instil this spirit across all sectors of the community.

促進初創發展

AEF通過「AEF香港創業基金」和「AEF大灣區 創業基金」投資具有創新商業模式並處於初期發 展的科技初創公司,以支持其業務發展及擴充。 我們的投資對象涵蓋廣泛的行業,包括但不限於 人工智能(AI)、生物科技、電子商務、教育科 技、企業服務、金融科技、遊戲、綠色科技、醫 療保健、工業4.0、物聯網、監管科技、機器 人、半導體和旅遊科技。

除了資金外,我們擁有多元化的創業導師網絡, 涉及不同行業和專業知識,為我們的投資對象提 供策略指導和業務網絡,幫助他們在本地和國際 上擴展業務。通過阿里巴巴生態系統,我們能夠 有效地幫助這些企業尋找更多的潛在商機。

推動創科及創業家精神

我們相信創新和創業對香港的活力是不可或缺 的。因此,我們支持不同的項目,向社會各界灌 輸創業家精神和推動香港初創生態的發展。



JUMPSTARTER has been launched by AEF since 2017, a global pitch competition and symposium, was launched by AEF in 2017. Over the years, JUMPSTARTER has gone from strength to strength and become not only a global pitch competition and symposium but also a well-known international startup event every year.

JUMPSTARTER in numbers since its launch:

- 15M+ online reach worldwide
- 185,000+ registered attendees
- 5,000+ startups from 100 economies

JUMPSTARTER是AEF於2017年開始舉辦的創 業比賽。多年來,JUMPSTARTER不斷發展, 至今不單是每年一度的環球創業比賽和研討會, 更是國際知名的創業盛會。

JUMPSTARTER 舉辦以來:

- 全球接觸超過1,500萬名線上觀眾
- 超過185,000名人士現場參與活動
- 來自全球100多個地區及國家超過5,000間初 創企業參與



HKAI LAB is an initiative fully funded by AEF and SenseTime Group that was launched in May 2018. With the support from Hong Kong Science and Technology Park and the Alibaba Cloud Group, HKAI LAB focuses on advancing the frontiers of AI with cutting-edge technologies and expertise, further empowering startups to develop and commercialise their AI inventions. HKAI LAB 由AEF和商湯科技攜手合作投資,於 2018年5月啟動。並獲得香港科技園和阿里雲的 支持下,HKAI LAB 專注於利用尖端技術和專業 知識拓展人工智能的應用領域,並協助初創企業 將人工智能發明成果和技術商業化。



Launched in August 2016, Venture Hours provides a new means for entrepreneurs and startups to network with investors and seek expert advice. Until today, we have met over 890 entrepreneurs. Young entrepreneurs are given a 20-minute timeslot to pitch their business ideas. In return, AEF's investment team, other investors, and business practitioners will share their knowledge and professional advice on the best practices moving forward. 創業時刻於2016年8月成立,為企業家和初創企 業提供一種與投資者建立聯繫並獲取專家建議的 新方式。迄今,我們已經會見超過890名企業 家。每名企業家均有20分鐘的面談時間來介紹其 商業計劃。在與會過程中,AEF的投資團隊及不 同的投資者亦會分享他們的知識和專業建議。



As a founding sponsor, AEF established the SEED Foundation in November 2021. SEED Foundation is a charitable organisation registered in Hong Kong with the mission to deliver unique and equal-access training programmes for secondary school students. Through these programmes, students will gain expert knowledge and skills on modern technology to prepare them for any future opportunities in the digital world.

SEED Foundation

作為創立贊助者,AEF 於 2021 年 11 月成立 SEED Foundation。SEED Foundation是香港 註冊的慈善機構,其使命是為中學生提供獨特且 平等的培訓計劃。通過這些計劃,學生將獲得與 科技相關的專業知識和技能,為未來邁向科技主 導型經濟的世界中作好準備。

Apart from the initiatives mentioned above, we also actively participate in public services and work with local incubators or accelerators, including the Cyberport and the Hong Kong Science and Technology Park. We also provide advice on policies that are conducive to the healthy development of the startup community as well as the adoption of innovation and technology across Hong Kong.

*All figures are based on the AEF's aggregate data as of March 31, 2022 unless otherwise stated, including investment data of the AEF GBA Fund

除上述不同的項目外,我們亦積極參與公共服務,與本地孵化器或加速器合作,包括數碼港和 香港科學園。同時,為初創社群的健康發展及香 港創新科技的政策提供意見,促進本地發展。

*除非另有説明,所有數據均基於AEF截至2022年3月31 日的匯總數據,包括AEF 大灣區基金的投資數據



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