

Start-up Express 2025 - Winners (by alphabetical order)

	Company Name	Category	Core Product / Service
1.	<u>ACTuWISE Limited</u>	Health tech	AI-driven mental health training and support system specializing in Acceptance and Commitment Therapy (ACT) for mental disorder.
2.	<u>Albacastor Technology Limited</u>	Smart city	UVent® Smart Ventilation System
3.	<u>AniTech Limited</u>	Health tech	EEG Headset with AI Assisted Platform for Major Depression Disorder Detection
4.	<u>CELLmeric Limited</u>	Bio tech	Virus-free cell engineering platform
5.	<u>Decennium Platforms Limited</u>	Pet tech	Boo App - Vet Clinics Solution
6.	<u>Digitoe Limited</u>	Health tech	Focused on children's foot health with AI-driven custom 3D-printed orthotic insoles and gamified app.
7.	<u>Entoptica Limited</u>	Health tech	Structured Light Observation Perception and Evaluation – rapid assessment of macula
8.	<u>Firefilm Group Limited</u>	AI Solutions	AI marketing tool to optimise video content
9.	<u>Green Vigor Limited</u>	Green tech	HydroVigor - HydroPower Recycle System that converts kinetic energy in water pipes to electricity
10.	<u>RT Healthtech Co. Limited</u>	Hardware & Robotics	XoMuscle (artificial human muscle) & Brain-computer Interface to treat brain damage



ACTUWISE

Embrace | Transform | Thrive

ACTuWISE Limited

*Embrace, Transform, Thrive Globally
through Innovative ACT Solutions*

www.actuwise.org

Company Introduction

ACTuWISE Limited, a pioneering spin-off startup from the Chinese University of Hong Kong (CUHK), specializes in mental health solutions by integrating artificial intelligence research and technology-driven innovations. The company boasts a team of international academics, counselors, social workers, and nurses dedicated to merging Acceptance and Commitment Therapy (ACT) with innovative technologies to provide personalized emotional support. Its mission is to empower users to "embrace, transform, and thrive" through innovative ACT solutions, thereby enhancing their psychological resilience and quality of life.



Professor CHONG Yuen Yu, Connie
CEO and Founder, ACTuWISE Limited

Core Technology

- **ACT x ACT Engine:** A patented, award-winning RoBERTa large language model (LLM) model pre-trained with 19,000+ ACT dialogues for generating actionable ACT-based diagnostic reports and customizing self-help ACT interventions.
- **Triage System:** AI algorithm that identifies and refers high-risk users to in-person therapy.

Product / Service

- **Pai.ACT Mobile App:** AI-driven app for parents of special needs children, offering personalized ACT, psychological assessments and diagnostic reports, tailored resources, and triage for high-risk users.
- **AI x ACT Training Platform:** AI-powered platform for mental health professionals, with transcript analysis, intervention suggestions, and interactive ACT skill-building modules.
- **ACT Services:** Expert ACT counseling, training, and consultation to enhance mental health care delivery.



Overview

- **Founded:** 2024
- **Industry:** Health and Medical Care
- **Current funding stage:** Seed
- **Current markets:** Hong Kong
- **Key clients:** NGOs, health institutions, and governmental sectors focusing on parents of children with special needs
- **Employees:** 6-10

Currently looking for

- **Funding need:** US\$ 500,000 to 1 million
- **Potential clients:** Family caregivers, youth, NGOs, health institutions, insurance companies, and governmental sectors
- **Potential business partners:** AI tech partners, insurance companies, mental health organizations, and healthcare institutions
- **Target markets:** GBA, Shanghai and Asia



- 2024 International Exhibition of Geneva - Gold Medal
- 2024 2024 Silicon Valley International Inventions Festival - Silver Medal
- 2024 Hong Kong ICT Award

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Albacastor Technology Limited

Releasing the Value of Light

www.albacastor.com

Company Introduction

Albacastor Technology Limited is a vertical R&D integration company dedicated to developing innovative air pollutant treatment solutions combined with data solutions to solve customers' problems, provide research data to academia, and formulate industry standards.

Currently, this cutting-edge photocatalyst is integrated into our flagship product, the UVent® Smart Ventilation System, which leverages photocatalytic and photolysis reactions with airborne water vapor to produce hydroxyl radicals. As a potent oxidizing agent, hydroxyl radicals effectively neutralize air pollutants from cooking emissions, grease trap emissions, and sewage emissions, addressing both organic and inorganic contaminants. Our core product UVent® Smart Ventilation System series, has been applied in over 70 sites, including restaurants, shopping malls, and clubhouses of 40 brands in three years. Also, we plan to explore the overseas markets, i.e., the UK, Singapore, Malaysia, and Thailand in 2025.



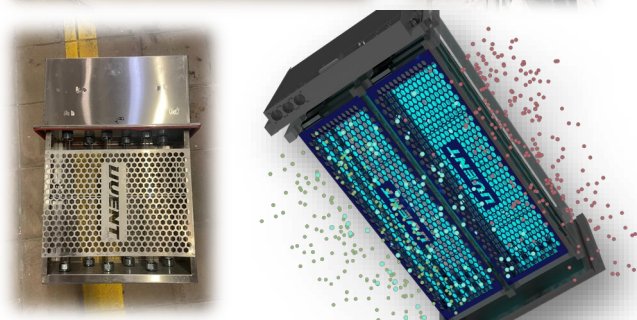
Peter CHEUNG
Co-founder, CEO

Core Technology

- US-Patented Photocatalyst Technology
- Organic and Non-organic Air Pollutant Decomposition Technology

Product / Service

- UVent® Smart Ventilation System for treating organic and non-organic air pollutants, i.e. odour, oil mist
- Kitchen Emissions Treatment
- Grease Trap Emissions Treatment
- Sewage Emissions Treatment
- Analyzing and Digitizing Air Pollutants



Overview

- Founded: 2020
- Industry: Environmental
- Current funding stage: Series Pre-A
- Current markets: Hong Kong (Food & Beverage, Property Management Industries)
- Key clients: Café de Coral, TamJai, Tai Hing, Kai Shing, ICC
- Employees: 6-10

Currently looking for

- Funding need: US\$ 1,000,000
- Potential clients: Food & Beverage, Property Management, Manufacturing Industries
- Potential business partners: Ventilation Engineering Design Companies
- Target markets: The UK, Singapore, Thailand, and Malaysia

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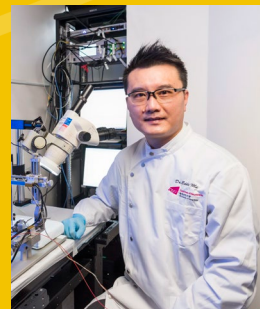
AniTech Limited

**AI-Driven Platform for
Novel Drug Development and Disease Detection**

www.anitech.hk

Company Introduction

AniTech Limited, a Cyberport incubatee, pioneers AI-driven solutions to revolutionize drug development and medical healthcare. Our AI electroencephalogram (EEG) drug screening platform integrates advanced analytics with preclinical animal studies to optimize drug candidate selection by predicting toxicity, efficacy and safety at an early stage. This customized approach reduces dependence on traditional animal experiments, leading to a significant reduction in animal use. Additionally, our AI EEG neurological disease screening platform employs precise brainwave pattern recognition to identify disease markers and detect "hidden" (undiagnosed) patients with conditions like major depressive disorder (MDD), enabling earlier interventions. Together, our platforms address critical healthcare challenges—cutting costs, shortening drug development cycles, and enhancing diagnostic precision—to support more efficient, patient-centered therapeutic innovations.



Prof. Eddie Ma
(Oxon, D.Phil.)
Founder

Core Technology

This AI-driven solution features two platforms: 1) Intelligent Drug Discovery, utilizing EEG analysis to accelerate drug development and lower costs; 2) Neurological Disease Screening, leveraging precise EEG pattern recognition for disease detection and patient identification. Together, they advance healthcare by AI-powered interpretation of brain signals and predictive diagnostics.

Overview

- Founded: 2021
- Industry: Novel drug development
- Current funding stage: Series Pre-A
- Current markets: Hong Kong
- Key clients: Doctors, schools, and pharmaceutical companies
- Employees: 1-5

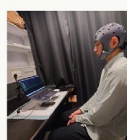
Product / Service

- AI-EEG Platform for Drug Screening
- Mobile AI-MDD Screening Device
- Pre-Clinical Study Animal Services

Currently looking for

- Funding need:
Stage 1
US\$1.0M AI-MDD product launch
Stage 2
US\$4.0M GLP lab establishment
- Potential clients: Doctors, psychiatrists, schools, the Hong Kong Health Authority and pharmaceutical companies
- Potential business partners:
Pharmaceutical companies, doctors and other CROs
- Target markets: China, EU and US

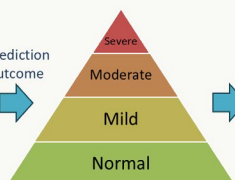
Our Product: Mobile AI-MDD Screening Device



In-House
Developed
Mobile EEG Device



Prediction
Outcome



MDD Metric



Find Hidden
MDD Patients

LinkedIn





CELLmeric Limited

**One-Stop Solution for
Safe and Effective Cell-based Therapeutics**

<https://cellmeric.com/>

Company Introduction

CELLmeric is a CUHK spin-off biotech company based on a core innovation "Virus-Free Gene Delivery System", which highly preserve the genomic integrity and viability of the produced cells due to our low energy-based gene engineering platform.

We have successfully generated safe and effective CAR-T cells with stable gene modification and superior anticancer activity; providing the first-in-class cell-based biotherapeutics for immunotherapy against blood cancer, solid tumors, and beyond.



Prof. Patrick MK TANG
CEO & Founder

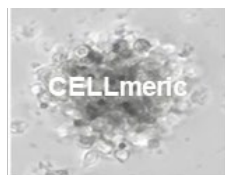
Core Technology

Virus-Free Cell Engineering System

- By using our patented low energy gene delivery system, we can mass produce safe and effective CAR-T/NK cells from blood for immunotherapy.

Product / Service

- Virus-free CAR-T engineering
- Off-the-shelf CAR-NK production
- Stable cell line generation
- Customised plasmid construction
- Therapeutic effect validation
- Pre-clinical safety profiling



Overview

- Founded: 2025
- Industry: Biotechnology / Cell Therapy / Gene Editing
- Current funding stage: Pre-seed
- Current markets: Hong Kong
- Key clients: Hospitals, biotech companies, universities, research labs, private clinics
- Employees: 1-5

Currently looking for

- Funding need: >US\$3M to support GMP facility setup, IND-enabling studies, clinical trial, and IP expansion
- Potential clients: Miltenyi Biotec, Shanghai Pharmaceuticals, OriCell Therapeutics, ArbeleBio, CUHK Medical Centre, Xuzhou Medical University, Hospital Authority, etc
- Potential business partners: Miltenyi Biotec, Shanghai Pharmaceuticals, CUHK Medical Centre, Bio-Gene, etc
- Target markets: Hong Kong, Mainland China, United States, Canada, Australia



Decennium Platforms Limited

Your Go-To Pet Care App

<https://peqaboo.com>

Company Introduction

Decennium Platforms Limited is revolutionising global pet care with advanced AI-driven veterinary technology. Our app connects pet owners and vets seamlessly, offering AI-powered pre-diagnosis, CRM system and tools for efficient vet practice.

Our competitive edge lies in our ability to integrate AI seamlessly veterinary workflows, empowering pet owners with preliminary health insights and fulfilling their everyday needs. Our vision is to create a universal pet care ecosystem that transcends borders, languages, and cultural differences, enabling seamless communication and collaboration between pet owners and vets across the globe.



CHAN MAN LUNG, Simon
Director

Core Technology

- AI technology in Veterinary Care
- Service booking and Ride Hailing
- Personalisation

Product / Service

Peqaboo AI Pet Care App, covering services:

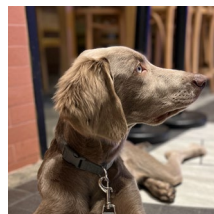
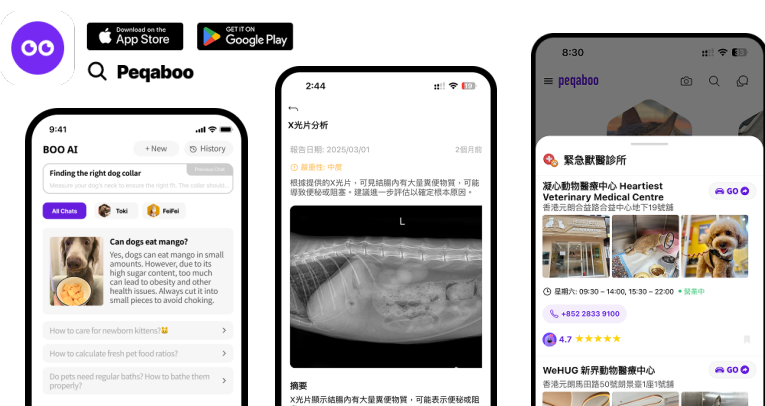
- Pre-diagnostic Vetcare AI (monitoring health from gait analysis, harmful plant and food analysis, laboratory report and X-ray analysis, feces analysis, vets booking)
- Boo Travel (Pet traveling)
- Boo Market (E-commerce and pet service booking)
- Boo Ride (Pet taxi hailing)
- Boo Map (AI pet-friendly location search and advices)
- BOO AI Vet CRM SaaS, covering services: AI medical scribe, medical summary, workflow automation, lead management and marketing support

Overview

- Founded: 2023
- Industry: AI pet and vet care technology, SaaS
- Current funding stage: Pre-A
- Current markets: APAC
- Key clients: Pet owners, pet businesses and vet hospitals
- Employees: 1-5

Currently looking for

- Funding need: US\$ TBC
- Potential clients: Global pet owners, vets, pet businesses, vet insurance
- Potential business partners: Pet suppliers and service providers, pet insurance, vet hospitals
- Target markets: Global pet owners, vets and pet businesses



Toki

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Digitoe Limited

Step Into a Healthier Future

www.digitoe.ai

Company Introduction

Digitoe Limited is an innovative healthtech company dedicated to improving children's foot health. Our smart insole integrates real-time gait monitoring, AI-powered personalized 3D-printed orthotics, and a gamified management app to help detect and correct foot problems early. Clinically validated in partnership with Queen Mary Hospital, Duchess of Kent Children's Hospital, and the Department of Orthopaedics & Traumatology at The University of Hong Kong (HKU Orthopaedics), our solution is safe and effective. Our mission is to provide parents and healthcare professionals with scientific, convenient, and reliable foot health solutions, enhancing children's quality of life and preventing long-term mobility issues so every child can grow up healthy.



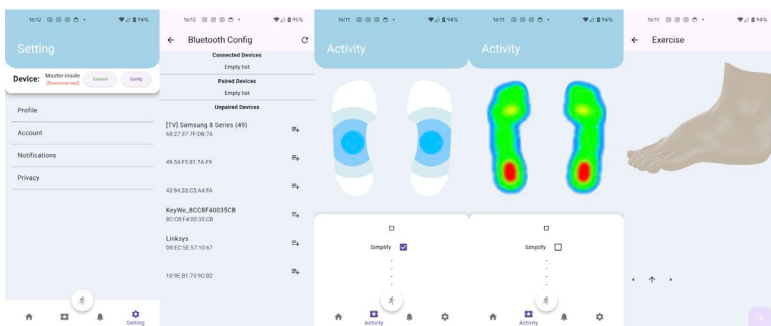
Raissa Yeung
CEO

Core Technology

- Advanced Sensor-Based Real-Time Gait and Posture Analysis
- AI-Driven Data Processing and Customized 3D-Printed Orthotics
- Modular Clip-On Design for Cost-Effective, Adaptable Updates

Product / Service

- Real-Time Gait and Posture Monitoring
- AI-Driven Personalized Orthotics
- User-Friendly, Home-Based Solution



Overview

- Founded: 2024
- Industry: Wearable technology
- Current funding stage: Pre-seed
- Current markets: Hong Kong
- Key clients: Parents of Children with Foot Health Concerns
- Employees: 1-5

Currently looking for

- Funding need: US\$256,000
- Potential clients: Parents of Children with Foot Health Concerns
- Potential business partners: Orthopaedic clinics
- Target markets: Hong Kong & China

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Entoptica Limited

Bringing Quantum Technologies to Vision Sciences

<https://www.entoptica.co/>

Company Introduction

Entoptica is an innovative medtech company spinning off from CEVR, an InnoHK research center, to revolutionize eye diagnostics. Our mission is to develop novel ophthalmic devices by bridging the gap between Quantum Technologies and Vision Sciences. Our flagship product, SLOPE, leverages quantum-inspired structured light to detect early-stage retinal diseases like macular degeneration - earlier, faster and cheaper than conventional methods. This portable solution addresses critical gaps in accessible vision care, particularly for aging populations. Combining expertise in optical engineering and clinical ophthalmology, our team transforms cutting-edge research into practical healthcare tools.



Dr Mukhit Kulmaganbetov
Co-founder & CEO

Core Technology

- First adoption of Quantum Technology in Vision Sciences (SLOPE device)
 - Novel Quantum Optics (Structured light) + Human Eye Polarization Perception
 - Functional Biomarkers of retinal disease

Product / Service

- SLOPE (Structured Light Observation, Perception and Evaluation) device
 - Robust screening device for the rapid assessment of macula



Overview

- Founded: 2024
- Industry: Healthcare
- Current funding stage: Pre-seed / Seed
- Current markets: AMD screening and diagnostic devices (Age-related macular degeneration)
- Key clients: General Practitioners, Optometrists, Ophthalmologists, Eye clinics, Hospital Groups
- Employees: 1-5

Currently looking for

- Funding need: US\$500,000.00
- Potential clients: General Practitioners, Optometrists and Ophthalmologists, Eye clinics, Hospital Groups, Elderly care homes, Community Centers
- Potential business partners: Optics/Product Manufacturers, Pharmaceutical companies, CROs
- Target markets: Ophthalmic screening and diagnostic devices (Macular degeneration)

LinkedIn





Firefilm Group Limited

Optimising video content for everyone

www.firefilm.io

Company Introduction

We see that video content generated by AI cannot be directly published for commercial use without human eyeball check and refinement. We provide a SaaS platform for collaborations between humans, optimisation by both self-developed AI engine and industry expertise. When you upload your videos onto our platform, our SaaS will help to optimise your video to achieve the best viral effect on the internet using storytelling expertise, performance feedback mechanism from the big data gathered from the internet and metadata refinement for SEO.



Yan Or
CEO & Co-founder

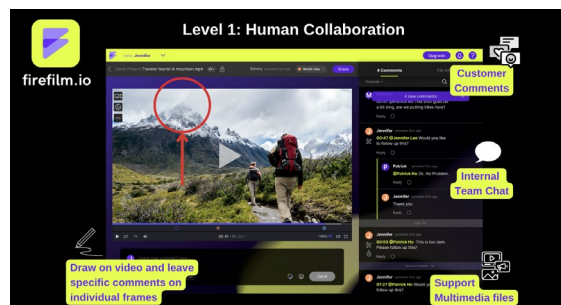
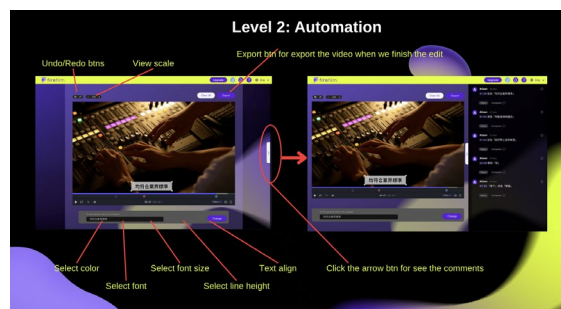
Core Technology

- Self-developed expert intelligence and performance-driven AI engine
- Video content optimisation with storytelling expertise and metadata optimisation with unique and exclusive algorithms
- 3-Level AI Strategy: Human Collaboration, Automation, Escalation

Product / Service

- SaaS

Demo Video: <https://www.youtube.com/watch?v=NYL3gRdg9Qw>



Overview

- Founded: 2023
- Industry: Software Company (SaaS)
- Current funding stage: Angel Funding / Pre-seed
- Current markets: Hong Kong & Asia
- Key clients: Bastille Post, Unwire
- Employees: 8

Currently looking for

- Funding need: US\$500K
- Potential clients: TVB
- Potential business partners: Distributor / Reseller e.g. Synnex, Innovix, PCCW Global, Ingram Micro
- Target markets: Corporate, MNC, Media

Facebook



LinkedIn



GreenVigor

Green Vigor Limited

Green Energy is Everywhere

<https://www.green-vigor.com/>

Company Introduction

Green Vigor Limited is a pioneering startup focused on delivering cutting-edge green energy solutions in urban area. We are the 1st in the world to recycle hydropower in buildings' water tank. With patented, novel, modular and on-site HydroVigor® - hydropower recycle system, we aim to unlocking urban building water tank to be Hydropower plant when everyone using water. This technology can be utilized in any water tank in any building.

Our mission is to combat climate change by providing scalable, efficient, and eco-friendly energy solutions that align with the UN Sustainable Development Goals. Backed by a passionate team of experts, we are committed to creating a cleaner, greener future for generations to come.



Penney Chong
Co-founder & CEO

Core Technology

- Hydrodynamic
- Hydropower
- Building & Construction
- Electrical

Product / Service

- Rental service of HydroVigor
- Licensing service of HydroVigor



2nd generation HydroVigor



1st generation HydroVigor

Overview

- Founded: 2021
- Industry: Green Energy Tech
- Current funding stage: Seed
- Current markets: HK, SG, Southeast ASIA
- Key clients: China Overseas – One Victoria (HK),
Stewards Pooi Kei Primary School (HK),
Jurong Point Shopping Mall (SG)
- Employees: 1-5

Currently looking for

- Funding need: US\$1.5M
- Potential clients:
HK: Kai Shing Management – ICC, Towngas, Citybase property management – OPMALL, **SG:** Links **Thailand:** Siamese Asset
Mexico: ESFO Group
- Potential business partners:
HK: ARUP, ATAL **SG:** Otto Solution, Megazo
Mexico: Groove X **Malaysia:** ATG Avionix Sdn Bhd (formerly known as Redberry Ambient Sdn Bhd)
- Target markets: Asia, LATAM, China, The United Arab Emirates

LinkedIn





RT HeathTech Co. Limited

Dedication. Expertise. Passion.

<https://www.rtht.org/>

Company Introduction

We aim to create life-changing solutions through advanced medical technologies and innovative robotics. By focusing on brain signal decoding and bionic muscles, we seek to restore motor function and inspire hope for individuals with brain injuries.

Beyond healthcare, we're dedicated to extending these innovations into sports, education, and play—supporting a lifelong journey of health and learning. From enhancing athletic performance with adaptive bionics to creating educational tools and bionic toys that spark STEM interest, we strive to integrate these technologies into daily life. Our mission is to empower people of all ages to reach their full potential through immersive, engaging experiences that foster physical and cognitive well-being.

Xiangqian Shi
CEO



Kaiyu Tong
Chief Scientist



Core Technology

- Brain-Computer Interface (BCI): control rehabilitation robots by tiny brain signals ($\sim \mu V$).
- Powerful Artificial Muscle: World's only artificial muscle that capable replace human muscle abilities.
- AI-driven diagnostic model: accurate training recommendations by thousands hours of training data.

Product / Service

- **XoMuscle (Wrist)**: World's only wearable devices that can training wrist pronation/supination, using fast-acting artificial muscles
- **XoMuscle (Hip)**: A shorts that help hemiplegic patients relearn walking normally, using fast-acting artificial muscles
- **XoBrace (Knee & Elbow)**: A user-friendly brace uses adjustable airbags to provide stable, comfortable joint support for people with joint degeneration, athletes, and post-surgery recovery—ideal for daily wear

Overview

- Founded: 2024
- Industry: Medical & Healthcare
- Current funding stage: Seed
- Current markets: Healthcare, Sports
- Key clients: Hospital, Rehab Centre, Special Schools; People with brain injuries, joint degeneration; and people who love outdoor activities or competitive sports
- Employees: 1-5

Currently looking for

- Funding need: US\$ 2,000,000
- Potential clients: Public/Private hospitals, rehabilitation centres, special schools,
- Potential business partners: Healthcare stores, Big Sports company/stores, healthcare/sports distributors
- Target markets: Hong Kong, Mainland China, Taiwan, Southeast Asia,



Company

