

推動產學研發展

Promoting Industry-academia-research Development

在2018年開展“創新創業資助計劃”的基礎上，2022年3月基金會再次撥備500萬澳門元啟動第二期的計劃，期望鼓勵更多澳大人投身科創實踐活動，加強校內的創新創業氛圍。基金會於2022年9月按澳大的專家評審意見並按創新創業中心的推薦，批出210萬澳門元用以支持進駐大學創新創業中心的11個初創項目，技術及背景涵蓋多個範疇，包括文化創意、材料工程、資訊科技、中醫診療、醫藥製劑和治療等。

基金會一眾成員於2022年11月參與了由大學創新創業中心主辦的“澳門大學創新創業展示日”，活動展出的澳大初創公司及科研成果項目多達30個，吸引了澳門各高等院校及社會各界人士到場了解，讓校內外更多人士了解澳大的產學研和創業孵化的最新發展，培育良好的雙創氛圍，促進科創項目的商業化發展。



Building on the Innovation and Entrepreneurship Funding Scheme launched initially in 2018, the foundation has further allocated MOP5 million in funding for the second phase in March 2022, in hope of incentivising more members of the UM community to engage in science and innovation practice and creating a more vibrant environment for innovation and entrepreneurship. In September 2022, based on the evaluation by UM experts and recommendation by the Centre for Innovation and Entrepreneurship (CIE), the foundation allocated MOP2.1 million to support 11 start-up projects to be incubated in CIE. The projects cover a variety of technologies and sectors including culture and creativity, materials engineering, information technology, Chinese medicine diagnosis and treatment, and pharmaceutical formulation and treatment.

In November 2022, members of the foundation attended the UM Innovation & Entrepreneurship Open Day organised by CIE. The event, which showcased as many as 30 start-ups and technological achievements incubated by UM, attracted participants from Macao tertiary institutions and all sectors of the community. The event allowed people from inside and outside the UM community to learn about the latest development of UM's industry-academia-research and incubation endeavours, as well as fostered a conducive environment for innovation and entrepreneurship and for the commercialisation of the technological and innovation projects.

澳大的創新創業團隊積極參與校外的展覽和行業配對活動，包括“2022年澳門第八屆工展會”、“2022澳門科技周暨創科成果展”等，並且在地區性及全國性的創新創業比賽中屢獲殊榮，以下初創企業的服務或產品已成功與行業對接。

a) 澳門芝寶健康科技有限公司

公司透過中醫理論，研發乾眼症的保健產品，包括護眼膳食補充劑、蒸汽眼罩及霧化薰蒸液等，2022年4月開始在京東、抖音和自有商城等電商平臺上銷售，並進駐了橫琴粵澳中醫藥產業園。

b) 澳力信科技有限公司

公司以自主研發的核心技術開發首款環境穩定型Li_xSi基負極產品，針對電動車電池成本高、壽命短等問題，以提升電動車鋰電池的容量和壽命。該公司已成功與廣州南沙的香港科大霍英東研究院合作，建立了小批量試行生產基地，2023年有望可擴大經營規模。

c) 澳門寵物紀元有限公司

公司把將啤酒工業產生的廢棄麥芽渣轉化成環保、健康及優質的貓砂產品。項目在半年內接連在原料配比實驗、產品原型測試、小規模化生產等階段不斷出現突破和優化改造。





It is noteworthy that a number of start-up teams under incubation in UM have also won awards in regional and national innovation and entrepreneurial contests as well as participated in exhibitions such as the 8th Macau Industrial Products Show and the Science and Technology Week 2022 cum Exhibition of Achievements in Science and Technology Innovation. The below services or products of the start-ups have been successfully matched with the industry.

a) Macau Chiherbal Health Technology Company Limited.

The company researches on and develops eye care products for dry eye syndrome based on Chinese medicine theories. Products include dietary supplements, steam eye masks and fumigation solution and have been available on e-commerce platforms including JD.com, Douyin and the company's self-managed online store since April 2022. The company also has an office in the Traditional Chinese Medicine Science and Technology Industrial Park of Co-operation between Guangdong and Macao in Hengqin.

b) AOLISIN Technology Limited.

The company uses a self-developed core technology to make the first LixSi anode product that has high environmental stability. It aims to address the pain points of electric vehicle (EV) batteries, such as high cost and short life, and to enhance the capacity and battery life of EV lithium batteries. The company has successfully partnered with the HKUST Fok Ying Tung Research Institute in Nansha, Guangzhou, to establish a factory for small volume trial production and is expected to expand its scale of operation in 2023.

c) BioPetech (Macau) Limited.

The company upcycles brewer's spent grain, a waste production from beer production, into eco-friendly, natural and quality cat litter products. Within a period of six months, the team made constant breakthroughs and improvements in the process consisting of product formulation, prototyping and small scale production.