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## **Grand Pharmaceutical Group Limited**

**遠大醫藥集團有限公司\***

*(Incorporated in Bermuda with limited liability)*

**(Stock Code: 00512)**

### **VOLUNTARY ANNOUNCEMENT**

#### **THE GLOBAL INNOVATIVE RDC TLX250-CD<sub>x</sub> ENROLLS AND DOSES THE FIRST PATIENT IN CHINA**

This announcement is made by the board of directors (the “**Board**”) of Grand Pharmaceutical Group Limited (the “**Company**”, together with its subsidiaries, the “**Group**”) on a voluntary basis.

The Board is pleased to announce that the Phase I clinical trial conducted by the Group of TLX250-CD<sub>x</sub>, an innovative radionuclide-drug conjugate (“**RDC**”) for the diagnosis of clear cell renal cell carcinoma (“**ccRCC**”), in China has completed the first patient enrollment and dosing recently. The study is a single-arm, open-label Phase I clinical study. It is planned to enroll 10 patients with indeterminate renal masses or suspected recurrent ccRCC, to evaluate the safety, tolerability, and radiation dosimetry and pharmacokinetic features of TLX250-CD<sub>x</sub> in patients with noninvasive detection of ccRCC by Positron Emission Tomography/ Computed Tomography (PET/CT) imaging. The Group has exclusive licenses of this product in Mainland China, Hong Kong SAR, Macau SAR and Taiwan, and the first patient enrollment and dosing in this Phase I clinical trial is another important research and development progress of the Group in the field of nuclear medicine anti-tumor diagnosis and treatment.

TLX250-CD<sub>x</sub> (<sup>89</sup>Zr-TLX250) is a globally innovative radionuclide conjugated drug for the diagnosis of ccRCC. Its target is carbonic anhydrase IX (“**CA9**”). CA9 is overexpressed in ccRCC and various cancer types. TLX250-CD<sub>x</sub> was granted Breakthrough Therapy Designation by the US Food and Drug Administration (“**FDA**”) in July 2020 based on its important breakthroughs in non-invasive diagnosis for the most common and aggressive type of kidney cancer - ccRCC as well as the patients’ follow-up treatment and management decisions. The overseas Phase III clinical study of TLX250-CD<sub>x</sub> (ZIRCON) met all primary and secondary endpoints, reported in November 2022. The study results show that for the patients with renal masses suggested by CT or magnetic resonance imaging (MRI) but unable to determine whether it is ccRCC, the sensitivity and specificity of PET imaging with TLX250-CD<sub>x</sub> in the diagnosis of ccRCC reached 86% and 87% respectively, which far exceeded the preset threshold required by the FDA (both sensitivity and specificity higher than or equal to 70%). Positive predictive value was 93%. Moreover, for early ccRCC in stage T1a, which is currently difficult to diagnose (the tumor is confined to the kidney with the largest tumor

diameter smaller than or equal to 4 cm), the sensitivity and specificity of TLX250-CDx diagnosis reached 85% and 89% respectively. These breakthrough clinical results demonstrate that TLX250-CDx is expected to provide a highly accurate and non-invasive diagnostic solution for ccRCC, and has the potential to become a new clinical diagnostic standard for ccRCC. In terms of its registration in China, TLX250-CDx was approved to conduct Phase I clinical trials and confirmatory clinical trials in September 2022. The first patient's enrollment and dosing in the Phase I clinical trial will further accelerate the commercialization of the product in China.

By adhering to the treatment concept of integrated oncology diagnosis and treatment, the Group has reserved 13 innovative products in its nuclear medicine anti-tumor diagnosis and treatment segment, including 6 radionuclides including  $^{68}\text{Ga}$ ,  $^{177}\text{Lu}$ ,  $^{131}\text{I}$ ,  $^{90}\text{Y}$ ,  $^{89}\text{Zr}$  and  $^{99\text{m}}\text{Tc}$  and covering 8 cancers including liver cancer, prostate cancer and brain cancer. In terms of product types, it covers two types of radionuclide drugs for diagnosis and therapy, providing patients with multi-indication treatment options, multi-methods and integrated diagnosis and treatment of the world's leading anti-tumor solutions.

The core product of the Group's nuclear medicine anti-tumor diagnosis and treatment segment YiGanTai (易甘泰<sup>®</sup>) Yttrium-90 resin microsphere injections ("YiGanTai") has been granted approval for commercialization by the National Medical Products Administration of the People's Republic of China in January 2022. The product provides a new and effective treatment modality for patients with liver malignancies in China, offering the opportunity for translational therapy and further surgical resection to achieve clinical cure, bridging the gap in the local treatment of liver metastases from colorectal cancer, improving the long-term treatment outcome of the Chinese patient population with liver cancer, and marking the arrival of a new international precision interventional treatment option in the field of liver malignancies in China. Since the official commercialization of YiGanTai in May 2022, more than 50 hospitals have completed the nuclide transfer procedures, its official surgeries have been carried out in more than 30 hospitals in 17 provinces and cities in China. The follow-up results showed that the overall response of patients who take YiGanTai surgery was satisfactory, and most patients achieved favorable clinical therapeutic effect and prolonged survival. At present, 7 patients have successfully achieved liver cancer tumor downstaging transform and took liver cancer resection, achieving clinical cure. Among patients who could be followed up for 3 months or more, the objective response rate of YiGanTai for liver cancer was over 50%, and more than half of the patients had achieved tumor size remission. Among them, the symptoms of 12 patients were completely relieved with no resection required, and the disease control rate of the follow-up patients exceeded 70%, showing a remarkable therapeutic effect. In order to speed up the implementation and popularization of YiGanTai microsphere precise interventional therapy in China, the Group relied on the high-quality reputation and practical experience accumulated overseas for the product over the years, assisted domestic doctors in conducting multiple personalized practical trainings by well-known overseas clinical experts. At present, it has trained more than 300 doctors in 70 hospitals on the theory or skills of YiGanTai surgery, nearly 20 experts have obtained the operation qualification of independent surgery through strict one-to-one training by overseas experts, and many of them will soon obtain the qualification of training instructor, which will further accelerate the clinical popularization of YiGanTai radioactive interventional operation.

The nuclear medicine anti-tumor diagnosis and treatment platform is the Group's high-end technology platform in the field of anti-tumor. The Group has achieved a comprehensive strategic plan in the fields of R&D, production, sales, regulatory qualifications and established a complete industrial chain. The Group, together with Sirtex Medical Pty Limited, cooperated with Telix Pharmaceuticals Limited (ASX: TLX) and ITM Isotope Technologies Munich SE to

establish a world-class tumor intervention R&D platform and a radionuclide-drug conjugate R&D platform. It has more than 400 employees, with more than 40% of them holding master's degrees and doctoral degrees, and is one of the most globalized segments of the Group. At the same time, the Group and Shandong University jointly established Grand Pharma - Shandong University Radiopharmaceutical Research Institute (遠大醫藥-山東大學放射藥物研究院) to jointly carry out R&D in RDC drugs on the basis of radionuclide research by the Laboratory Nuclear Medicine Research Institute of Shandong University (山東大學實驗核醫學研究所).

The Group is advancing the construction of Class A qualification nuclide production platform in an orderly manner. In the future, the Group will continue to strengthen its R&D and investment in the nuclear medicine anti-tumor diagnosis and treatment segment, enrich and improve the product pipeline and industrial layout, strive to achieve 10 nuclide products entering the clinical stage in the next 3 years, and realize the pipeline layout of more than twenty-five nuclear medicine anti-tumor diagnosis and treatment products, to form a nuclear medicine anti-tumor diagnosis and treatment product cluster with the core of YiGanTai Yttrium-90 resin microsphere injections, continuously consolidating the Group's global leading position in the field of nuclear medicine anti-tumor diagnosis and treatment.

The Group always puts focus on the R&D of innovative products and advanced technologies. Adhering to a patient-centered and innovation-driven approach, the Group will continue to increase its investment in world-class innovative products and advanced technologies to meet unmet clinical needs and enrich its product pipeline and improve supply chain. The Group adopts the strategy of "global expansion and dual-cycle operation", forming a new pattern of domestic and international cycles that synergize with each other. In this way, the Group can make full use of its industrial advantages and R&D capabilities, to accelerate the commercialization process for innovative products and provide patients with more advanced and diverse treatment options globally.

**Warning:**

**The approval of commercialization, manufacturing and sale of above products in China is subject to various factors with uncertainty. Shareholders and prospective investors of the Company are advised to exercise caution when dealing in the securities of the Company.**

*Note: The English transliteration of the Chinese name(s) in this announcement is included for information purpose only, and should not be regarded as the official English name(s) of such Chinese name(s).*

By order of the Board  
**Grand Pharmaceutical Group Limited**  
Chairman  
**Dr. Tang Weikun**

Hong Kong, 27 June 2023

*As at the date of this announcement, the Board comprises three executive directors, namely, Dr. Tang Weikun, Mr. Zhou Chao and Dr. Shi Lin, and three independent nonexecutive directors, namely, Ms. So Tosi Wan, Winnie, Dr. Pei Geng and Mr. Hu Yebi.*

*\* For identification purpose only*