Attachment 2

Implementation plan for the Guangdong Academy of Medical Sciences Open Funding Projects (Trial Version)

To improve the opening of the Guangdong Academy of Medical Sciences (GAMS), strengthen the exchanges and cooperation with native and international scholars, promote the resources integration and multidisciplinary linkage, solve the major needs or key technical difficulties in the medical field, break through the "bottleneck" and "final-step" core technologies, we set up the open funding projects specifically to support the medical and related interdisciplinary scientific research work, promote original innovation ability, and obtain cutting-edge scientific research achievements. The present implementation plan is established to well organize the open funding projects.

1. General requirements

In order to realize the strategic goal of Guangdong Academy of Medical Sciences (HEREINAFTER referred to as GAMS) "strengthening the ability of medical scientific research innovation, leading the development of medical and health undertakings". The GAMS open funding projects will be open to applications from all over the world, so as to gather elite talents and resources from all sides and realize the breakthrough of key core technologies of our hospital, and also their clinical transformation and application.

GAMS is the initiating unit of the fund, and the fund applicants should be institutions or individuals outside the hospital. The applicant should cooperate with the hospital department(s) and share the intellectual property rights with GAMS. Universities, research institutions, enterprises and other innovation entities, consortiums or individuals with research and development (R&D) capabilities are encouraged to apply.

The number of funded projects in this year is not more than 10, with a fund support of RMB 3,000,000 per project and an additional amount of RMB 2,000,000 for outstanding projects. The project duration is three years.

2.Requirements for the proposals

GAMS calls for the proposals from the scientific and research groups from all over the world. The requirements of proposals are as follows:

1. Should be major needs or key technical difficulties in the medical field,  **especially areas of heart disease, oncology, nephrology, geriatrics, psychiatry and mental health, emergency medicine, and imaging medicine**.
2. Should be closely combined with the key directions and professional fields of the construction of national medical center, national regional medical center and high-level hospital, playing an important role in promoting the construction of major platform in national health sector. It should be aimed to **break through the "bottleneck" and "final-step" core technologies**, **solve major difficulties in medical scientific research field or clinical work,** and produce a batch of high-level landmark achievements which have good application prospects and transformation benefits.
3. Should propose clearly the main technical difficulties to be solved, core indicators, project duration, ownership of intellectual property rights, capital investment forecast and requirements for project applicants.

3. Requirements for the applicants

The applicant should be universities, research institutions, enterprises and other innovation entities, consortiums or individuals with R&D capabilities, meeting the requirements as follows:

1. With strong R&D strength, scientific research conditions and stable personnel team, have the ability to complete the task of the guideline projects.
2. Be able to propose feasible solutions to conquer key core technologies and master independent intellectual property rights.
3. Priority will be given to supporting units, teams and individuals with good research performance, and encouraging the formation of innovative consortia to jointly apply for breakthroughs.
4. The project applicant should have a professional/academic title of associate senior or above, having published high-level articles as the first or corresponding author. The same applicant shall not apply for or participate in more than one project as the principal in the same year.
5. The project applicant should have good research ethics and social integrity, without bad credit or research integrity record in recent five years.

The project process management and inspection shall be carried out according to the relevant regulations of national, provincial and municipal governments and GAMS. The ownership of the research achievements is in principle shared by GAMS and the funded unit, and GAMS should be the unit with the first signature of the research achievements completed.

Each project shall publish at least one academic article in SCI journals with IF>10, or obtain one authorized invention patent related to the project. The specific acceptance index and intellectual property rights distribution of each project shall be negotiated and determined in the cooperation agreement. Relevant research achievements must be identified with the funding number. After the project is completed, the research summary, academic publications, research report and relevant original materials should be submitted to the GAMS.