

Guangdong Provincial Health Commission

Letter No.5 [2023] from the
Guangdong Health and
Science Education
Department

Notice of Guangdong Provincial Health Commission on the Issuance of the 2023 Guangdong Provincial Medical Research Fund Project Approval

To the Health Bureaus (Commissions) of all prefecture-level cities and above,
relevant higher medical institutions, and all relevant units:

The approved projects for the 2023 Guangdong Provincial Medical Research Fund are hereby issued to you, with the relevant matters notified as follows:

1. In 2023, Guangdong Province's Medical Research Fund program included a total of 1,000 projects, among which 502 were approved for funding, 498 were approved but not funded, and 4 million yuan in subsidy funds were allocated (subsidy details to be issued separately).

Recommending institutions may log in to the "Guangdong Provincial Medical Research Fund Project Management System" (hereinafter referred to as the "Project Management System") to query approved projects.

2. All recommending units shall promptly organize the project undertaking units to sign the Provincial Medical Science and Technology Research Fund Project Contract. The project undertaking

units and recommending units are requested to complete the online submission, review, and submission of the contract by April 28, and to submit the paper contract to the Science and Education Department of our commission by May 26, with all local cities required to submit the paper contracts uniformly. The procedure for signing the contract is detailed in the attachment.

3. All project undertaking units shall strictly manage and utilize fiscal funds in accordance with the approved scope of scientific research funding and relevant regulations, implement projects as stipulated in the project contracts, ensure timely completion of research tasks, and enhance innovation capabilities. Recommending units shall strengthen project supervision and inspection to ensure compliance.

Chemical management, improve project performance.

IV. The project research period is 2 years, and upon expiration, the final acceptance shall be conducted in accordance with the relevant provisions of the "Notice on Further Improving the Post-Project Management of Provincial Medical Science and Technology Research Fund Projects" (Yue Wei Ban Han [2015] No.263).

Project Manager: Guo Xuefei, Tel: 020-83820675; Technical Support for Project Management System: 020-81906047.

Attachment: Procedures for Signing the Contract of Guangdong Provincial Medical Research Fund Project





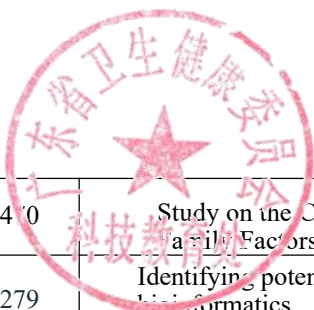
List of Provincial Medical Research Fund Projects Approved in 2023

project number	Project Title	Project Undertaking Unit	project leader	Project Results	funding for project establishment
A2023264	Quantitative CT Body Composition Combined with Inflammatory Index to Predict the Prognosis of Patients with Colorectal Cancer	The First Affiliated Hospital of Shantou University Medical College	Huang Ruibin	funding for project establishment	1
A2023304	Comparative Study on the Efficacy of Immunotherapy Combined with Chemotherapy and Triple Chemotherapy in the Neoadjuvant Treatment of Esophageal Squamous Cell Carcinoma	The First Affiliated Hospital of Shantou University Medical College	Wu Hansheng	funding for project establishment	1
A2023174	Longitudinal Study on Quality of Life Trajectory and Its Influencing Factors in Patients with Ischemic Stroke after Discharge: Based on Potential Profile Analysis	The First Affiliated Hospital of Shantou University Medical College	Wu Yanchun	funding for project establishment	1
A2023300	The Correlation between the Effect of Helicobacter pylori on the Microecology of Oral Squamous Cell Carcinoma and the Development of Tumor	The Second Affiliated Hospital of Shantou University Medical College	Lu Zizheng	funding for project establishment	1
A2023218	Multimodal Magnetic Resonance Imaging of Brain Network and Metabolic Function in Acute Carbon Monoxide Poisoning	The Second Affiliated Hospital of Shantou University Medical College	Zheng Hongyi	funding for project establishment	1
A2023221	The therapeutic effect of N-butylfluphenazine iodide on hepatic fibrosis via GF11/PU.1/a-SMA signaling axis	The Second Affiliated Hospital of	Shen Daifei	funding for project	1

		Shantou University Medical College		establishment	
A2023260	The Molecular Mechanism of TMEM132A Regulating OTUD3/PTEN Signal Pathway and Its Function in Cholangiocarcinoma	Tumor Hospital Affiliated to Shantou University Medical College	Xu Qiaodong	funding for project establishment	1
A2023497	Exploring the Functional and Molecular Mechanisms of TAO1 Kinase Small Molecule Inhibitors in Inhibiting Tumor Invasion and Metastasis Based on Targeting the Novel TGF- β /TAO1 Signal Pathway	Shantou University Medical College	Lee Young-hui	funding for project establishment	0.5
A2023326	Construction of evidence-based nursing practice program for blood specimen collection with ICU arterial pressure monitoring catheter	The First Affiliated Hospital of Shantou University Medical College	Wu Jinhua	funding for project establishment	0.5
A2023495	Construction and validation of a mortality prediction model for patients undergoing craniotomy decompression following traumatic brain injury based on rat experimental model	The First Affiliated Hospital of Shantou University Medical College	Tan Dianhui	funding for project establishment	0.5

A2023464	Correlation between cognitive impairment and related brain microstructure and functional connectivity changes in patients with end-stage renal disease undergoing peritoneal dialysis	The First Affiliated Hospital of Shantou University Medical College courtyard	Yin Jingjin	funding for project establishment	0.5
A2023422	Construction and Implementation of Measurement Index of Treatment Burden for Patients with Chronic Disease and Comorbidity	The First Affiliated Hospital of Shantou University Medical College courtyard	Lin Kai	funding for project establishment	0.5
A2023431	The Role of Nuclear Receptor FXR in p53 Function in Pediatric Neuroblastoma	The Second Affiliated Hospital of Shantou University Medical College courtyard	Huang Xiaohua	funding for project establishment	0.5
A2023397	Mechanism of MSC-CM inhibiting hypoxia injury of renal tubular epithelial cells by negative regulation of NCoA-1 through miRNA let-7a-5p	The Second Affiliated Hospital of Shantou University Medical College	Liao Chunling	funding for project establishment	0.5
A2023446	Regeneration of sweat glands with exocrine function based on optimization of follicular regeneration	The Second Affiliated Hospital of Shantou University Medical College	Xie Sitian	funding for project establishment	0.5
A2023409	Mechanism of circATP8B4 regulating SP1-driven chemotherapy resistance in glioblastoma by m6A methylation in tumor microenvironment-derived exosomes	The Second Affiliated Hospital of Shantou University Medical College	Huang Qinguo	funding for project establishment	0.5
A2023481	In vivo and in vitro regulation of breast cancer cell proliferation, migration and invasion by non-coding RNA-mediated up-regulation of copper death-related gene SLC31A1	The Second Affiliated Hospital of Shantou University Medical College	Li Zhiyang	funding for project establishment	0.5
A2023342	The role of syncytin in regulating the metabolism of glycolipids in placenta in the development of gestational diabetes mellitus	The Second Affiliated Hospital of	Wang Yanan	funding for project	0.5

		Shantou University Medical College		establishment	
A2023403	Study on the Antipsychotic-like Effects of Adenosine on Myelin Repair by Modulating IGF-1 Expression in Microglia	Shantou University Mental Health Center	Zhang Jinling	funding for project establishment	0.5
A2023414	Construction of a Multi-parameter Prognostic Prediction Model for Esophageal Cancer Patients with Neoadjuvant Chemoradiotherapy Based on Clinical Laboratory and CT Imaging Parameters	Tumor Hospital Affiliated to Shantou University Medical College	Wu Fangcai	funding for project establishment	0.5
A2023425	The role of confocal microscopy in the clinical assessment of mobility in patients with TAO	Shantou University · The Chinese University of Hong Kong Joint Shantou International Eye Center	Cai Jianhao	funding for project establishment	0.5
B2023429	Exploration of Heavy Metal Toxicity Caused by Drug-Induced Platinum Accumulation	Shantou University Medical College	Zhang Yuling	nonfunded project	0
B2023083	Research on Risk Prediction of Seasonal Influenza Outbreak in Southern China Based on Explanatory Ensemble Learning	Shantou University Medical College	Cao Zicheng	nonfunded project	0



B2023470	Study on the Correlation between Sexual Precocity and Lifestyle and Family Factors of School-age Children in Shantou	Shantou University Medical College	Meng Fan You	nonfunded project	0
B2023279	Identifying potential biomarkers of circular RNA in gout disease based on bioinformatics The Study of CircMAN1A2 in the Diagnosis of Gout	The First Affiliated Hospital of Shantou University Medical College	Yang Xinran	nonfunded project	0
B2023131	Mitochondrial damage in primary biliary cholangitis induced by cadmium exposure in RELA	The First Affiliated Hospital of Shantou University Medical College	Chen Yanrong	nonfunded project	0
B2023414	Expression of CB2R in Glioma and Its Role in the Development of Glioma	The First Affiliated Hospital of Shantou University Medical College	Chen Hongwu	nonfunded project	0
B2023390	Study on ARIMA-ANN Machine Learning Model Based on Real-time Monitoring for Hospital Infection Prediction	The Second Affiliated Hospital of Shantou University Medical College	Lin Peixian	nonfunded project	0
B2023121	Correlation analysis of serum Egr-1 and AChE protein with Alzheimer's disease and vascular cognitive impairment	The Second Affiliated Hospital of Shantou University Medical College	Shen Huimin	nonfunded project	0
B2023420	Effect of SGLT2 Inhibitors on the Growth of Type 1 Endometrial Carcinoma Cells	The Second Affiliated Hospital of Shantou University Medical College	Liu Chaochun	nonfunded project	0
B2023491	Study on the Role of Non-coding RNA in Mediating TET3 Overexpression and Promoting the Proliferation, Migration and Invasion	The Second Affiliated Hospital of Shantou	Liu Yiyuan	nonfunded project	0

	of Breast Cancer Cells in vitro	University Medical College			
B2023356	Association of EPHA3 Gene Polymorphism with Non-Syndromic Cleft Lip and Palate in Han Population of Chaoshan Region	The Second Affiliated Hospital of Shantou University Medical College	He Yunpu	nonfunded project	0
B2023330	Evidence-based Nursing Practice in Early Postoperative Rehabilitation of Lower Extremity Fracture Patients Based on the L.E.A.R.N.S. Model	The Second Affiliated Hospital of Shantou University Medical College	Zheng Jiachun	nonfunded project	0
B2023126	AMPK/Sirt1 Autophagy Signaling Network: A New Target for Resveratrol in Anti-Myocardial Ischemia/Reperfusion Injury	The Second Affiliated Hospital of Shantou University Medical College courtyard	Chen Chunjuan	nonfunded project	0
B2023060	The Role and Molecular Mechanism of BCL-XL in Aging Nucleus Pulposus in Disc Degeneration	The Second Affiliated Hospital of Shantou University Medical College	Wu Guihao	nonfunded project	0
B2023444	Clinical study on risk assessment of bleeding in patients with idiopathic thrombocytopenic purpura (ITP)	The Second Affiliated Hospital of Shantou University Medical College	Zhang Zewen	nonfunded project	0

B2023336	Construction and evaluation of survival prediction model after palliative primary tumor resection in patients with stage IVa colorectal cancer	The Second Affiliated Hospital of Shantou University Medical College	Liao Zhaun	nonfunded project	0
B2023166	The Role and Mechanism of VEGFA Regulating PI3K/IAKT/m-TOR Pathway in the Inhibition of Reactive Hemangioma by Propranolol	The Second Affiliated Hospital of Shantou University Medical College	Chen Jiasheng	nonfunded project	0
B2023366	Effects of SDF-1 on hair growth in mice with chronic stress and its mechanism	Shantou University Mental Health Center	Zhao Yinglin	nonfunded project	0
B2023293	Study on the Mechanism of Walnut and Nut on the Prognosis of Advanced Breast Cancer	Tumor Hospital Affiliated to Shantou University Medical College	Su Xuefen	nonfunded project	0
B2023373	Study on the Lipotoxicity and Inflammatory Activation Mechanism of Free Fatty Acid/CD36 Axis in Vitreous疣	Shantou University · The Chinese University of Hong Kong Joint Shantou International Eye Center	Fu Changzhen	nonfunded project	0
B2023178	Clinical effect of full corneal epithelial scraping combined with confocal laser corneal microscopy-guided drug therapy on recurrent corneal epithelial erosion	Shantou University · The Chinese University of Hong Kong Joint Shantou International Eye Center	Xia Hong and	nonfunded project	0
B2023206	Construction of a Prognostic Model for Multimodal ICL Implantation	Shantou University · The Chinese University of Hong Kong Joint Shantou International Eye Center	Duyali	nonfunded project	0

appendix

Signing Procedures for Guangdong Provincial Medical Research Fund Project Contract

1. Filling out online contracts

The project undertaking unit shall organize the project leader to complete and submit the electronic contract document through the project management system. The filling requirements are as follows:

(1) All items specified in the contract shall be consistent with the project application form and shall not be adjusted in principle. If adjustments are indeed necessary, the unit must submit a formal written application detailing the proposed changes, along with reasons and supporting evidence. The application shall be reviewed by the project recommending unit and submitted to the project management unit (Provincial Health Commission) for approval. If the requested fiscal funds are not fully approved, the shortfall shall be covered by the unit itself to ensure that the original project objectives and total funding remain unchanged. The project management system will automatically import certain contents from the application form into the contract, including the first page, project progress and phased objectives, and personnel information.

(2) In the contract, any column left blank or containing no numerical data shall be indicated by a slash (/) or '0', and must not be left empty.

(3) Confidentiality clauses in the contract shall not be required to be filled out in principle. Where confidentiality necessitates such clauses, the project undertaking unit, participating units, and management unit may enter into separate confidentiality agreements based on actual project requirements. For contracts involving state secrets, operations such as filling, submitting, reviewing, or modifying them in the business system are strictly prohibited. Such matters must be processed separately in strict compliance with national confidentiality regulations and management procedures.

(4) For other submission requirements, please refer to the project management system operation manual.

II. Online Contract Review

The recommended units for each project shall conduct a thorough review of the contracts submitted by the project undertaking units under their jurisdiction through the project management system. Contracts that meet the requirements shall be submitted to the project management unit for review. Contracts with non-compliant content or unreasonable indicator settings shall be returned to the project undertaking unit for modification.

Review Requirements: All recommending entities must verify the application documents, focusing on the project implementation details, evaluation metrics, division of labor and funding allocation among the undertaking or participating units, and total project budget. Contracts submitted without valid justification or sufficient evidence, where the project research plan, technical approach, evaluation criteria, progress timeline, total funding, project leader, or participating units show significant discrepancies from the application content, will not be approved.

III. Signing of the Contract

Upon online approval by our commission, the project undertaking unit shall print a paper contract (in duplicate). After signatures from the project leader, participants, and relevant personnel, and seals from both the undertaking and participating units, the project recommending unit shall affix its seal and submit the document to the project management unit for review and archiving. Starting in 2021, our commission will no longer issue paper contracts. Once the paper contract passes our commission's review, the system will automatically

generate an electronic contract seal, making the contract effective immediately.

IV. Custody of the Contract

The project leader may directly download the contract with electronic signature from the system, print and sign it, then submit it to the project undertaking unit and the recommending unit for stamping and retention. The project management unit does not provide services for re-signing or searching and copying the contract.

V. Other Matters

If the project undertaking unit fails to complete the review and submission of the contract (including the paper contract) within the stipulated time, it shall submit a written explanation through the proper channels. Otherwise, it will be deemed as voluntarily abandoning the project. The project management unit will then proceed with the project termination procedures in accordance with the relevant provisions of the "Notice on Further Improving the Post-Project Management of Provincial Medical Science and Technology Research Fund Projects" (Yue Wei Ban Han [2015] No.263).

Disclosure method: Proactive disclosure

Proofreading: Guo Xuefei, Department of Science and Education (6
copies in total) Proofreading: Guo Xuefei,
Department of Science and Education (6 copies in total)

