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Gene expression in bladder cancer and normal tissues

Submission date	Recruitment status	[ ] Prospectively registered
21/12/2024	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
26/02/2025	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
06/01/2025	Cancer	[ ] Record updated in last year

Plain English summary of protocol

Background and study aims
In this study, patients with bladder cancer were examined to analyze the levels of RBM15 in both cancerous and normal tissues. The goal was to identify potential therapeutic targets that could be used to treat bladder cancer more effectively.

Who can participate?
Patients diagnosed with bladder cancer

What does the study involve?
Participants joined the study starting in March 2018 and for 6 years. This study collects tissue samples at the time of surgery and follows participants for 6 years. Patients are followed up annually by telephone for survival. Cancerous and normal tissues were collected from patients with bladder cancer.

What are the possible benefits and risks of participating?
The study team provided 1000 RMB as compensation for each patient. In this study, the discarded tumor tissue was removed during the patient's operation, which did not affect the body and no other participation risks were anticipated.

Where is the study run from?
The study was conducted in Affiliated Haikou Hospital of Xiangya Medical College

When is the study starting and how long is it expected to run for?
March 2022 to June 2024

Who is funding the study?
1. Finance Science and Technology Project of Hainan Province
2. National Science Foundation of China
3. Health Department of Hainan Province

Who is the main contact?
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Contact information

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Public, Scientific, Principal investigator

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Additional identifiers

Protocol serial number
CPMS2023

Study information

Scientific Title
Bladder cancer and normal tissues

Study objectives
Expression of RBM15 in bladder cancer and normal tissue

Ethics approval required
Ethics approval required

Ethics approval(s)
Approved 10/03/2022, Haikou Municipal People's Hospital Biomedical Ethics Committee (No.43 Renmin Avenue, Haikou, 570208, China; +86 089866189665; zsf66189665@126.com), ref: 2023-055

Primary study design
Observational

Study design
Observational cohort study

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Bladder cancer

Interventions
This study enrols patients with bladder cancer, collects tissue samples at the time of surgery, and follows them for 6 years. Patients are followed up annually by telephone for survival.

Cancerous and normal tissues were collected from patients with bladder cancer.

Intervention Type
Other

Primary outcome(s)
Survival measured using data collected at an annual telephone call for 6 years

Key secondary outcome(s)
Transfer or not measured using data collected during a telephone call every 6 months

Completion date
12/06/2024

Eligibility

Key inclusion criteria
Patients who were diagnosed with bladder cancer

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Mixed

Sex

All

Key exclusion criteria
Patients with other cancers

Date of first enrolment
11/05/2022

Date of final enrolment
01/06/2024

Locations

Countries of recruitment
China

Study participating centre
Affiliated Haikou Hospital of Xiangya Medical College
No.43 Renmin Avenue
Haikou
China
570208

Sponsor information

Organisation
Affiliated Haikou Hospital of Xiangya Medical College

Funder(s)

Funder type
Government

Funder Name
Hainan Provincial Department of Science and Technology

Alternative Name(s)
, Department of Science and Technology of Hainan Province

Funding Body Type
Government organisation

Funding Body Subtype
Local government

Location
China

Funder Name
National Natural Science Foundation of China

Alternative Name(s)
Chinese National Science Foundation, Natural Science Foundation of China, National Science Foundation of China, NNSF of China, NSF of China, National Nature Science Foundation of China, Guójiā Zìrán Kēxué Jījīn Wěiyuánhuì, , NSFC, NNSF, NNSFC

Funding Body Type
Government organisation

Funding Body Subtype
National government

Location
China

Funder Name
Hainan Provincial Department of Health

Alternative Name(s)
, Department of Health, Hainan Province, Hainan Health Department

Funding Body Type
Government organisation

Funding Body Subtype
Local government

Location
China

Results and Publications

Individual participant data (IPD) sharing plan
The datasets generated during and/or analysed during the current study will be available upon request from Shufang Zhang, zsf_99900023@csu.edu.cn

IPD sharing plan summary

Available on request