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## Internationally significant database and associated specimens made available for colorectal cancer research

### Significance

The Molecular and Cellular Oncology (MCO) project collected data on more than 1500 patients with colorectal cancer over a period of almost 25 years. This internationally significant data collection includes more than 20,000 specimens plus a range of clinical, histological, genetic and experimental data.

### Aims

1. Increase access to the valuable MCO cancer data
2. Promote research using the MCO data and specimens within the UNSW Lowy Biorepository
3. Demonstrate the value of the tranSMART platform for Australian cancer research

### Acknowledgements

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### Achievements:

Researchers can use the tranSMART platform to:

- Browse deidentified colorectal cancer data
- Locate specimens
- Conduct statistical analyses
- Compare results across different colorectal cancer datasets



<http://www.tcrn.unsw.edu.au/transmart>



Access via:

doi:[10.4225/53/5559205bea135](https://doi.org/10.4225/53/5559205bea135)

single research group >> **publicly available**  
 legacy database >> **flexible online query**  
 and **analysis tool**  
 valuable cancer collection >> **reusable and**  
**accessible data**