

# Oncology update

## Australians discover new DNA link

25 August, 2014 [Clifford Fram 0 comments](#)  
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Australian researchers have identified DNA sequences linked to brain and bone tumours that have never before been analysed, according to an [article](#) in the journal Nature Structural & Molecular Biology. Using state-of-the-art whole genome sequencing, the Children's Medical Research Institute (CMRI) scientists investigated the DNA of telomeres, identifying DNA sequences which may cause certain cancers.

The researchers, in the laboratory of Dr Hilda Pickett, also identified certain proteins – which when disturbed – are able to kill these newly identified cancer cells.

They believe this could enable the development of patient-specific therapeutic strategies aimed to prevent cancer growth.

Further investigation in the proteins that interact with these DNA sequences will reveal potential new anti-cancer therapeutic drug targets, say...

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