

NEURONEWS

FUNDING LIFESAVING | NEUROSURGICAL RESEARCH

Establishing South Australia's first Paediatric Brain Cancer Biobank

The NRF is extremely proud to pledge \$150,000 over 3 years to support the establishment of South Australia's first Paediatric Brain Cancer Biobank, thanks to the support of our generous donors and fundraisers.

Leading this incredible initiative is internationally renowned brain cancer specialist Professor Jordan Hansford and NRF Chair of Brain Tumour Research Professor Stuart Pitson.

"The establishment of paediatric brain cancer biobanking in SA allows our teams to not only participate in critical national and international collaborative projects, but to provide local resources for SA based researchers to push for new treatments and cures for children with brain tumours. This is our first critical step in many to expand our research for paediatric neuro-oncology into the future!" said Professor Hansford.



READ THE FULL STORY HERE:
bit.ly/3IGbE6w



Give hope and donate today



SCAN ME

BRAIN CANCER CAUSES MORE DEATHS IN CHILDREN THAN ANY OTHER CANCER

- ▶ Sadly, the worst survival rates are in children under 5.
- ▶ Brain cancer is one of the toughest cancers to treat, with current treatments posing high-risk for complications and life-long side effects.
- ▶ SA research and new clinical trials are providing hope for more effective treatments.

Major grant success for NRF-supported brain tumour research in SA

Investigating new approaches to enhance immunotherapy for brain tumours

Professor Stuart Pitson, Dr Briony Gliddon and Dr Mel Tea from the University of South Australia Centre for Cancer Biology were successfully awarded a 3 year **\$844,150 National Health and Medical Research Council (NHMRC) Ideas Grant for their research into immunotherapy for brain tumours.**



NRF Chair of Brain Tumour Research Prof Stuart Pitson is Chief Investigator on the project, "Immunotherapy offers great promise for brain tumour therapy, but is currently limited due to brain tumour-induced immunosuppression. This research aims to overcome this problem to improve the potency of brain tumour immunotherapies. Successful outcomes in this work have the potential to dramatically improve the survival outcomes for glioblastoma patients."

The preliminary research for this grant application was supported by a \$43,000 NRF seed grant.

MRI nanotechnology to improve image-guided treatment of brain tumours

Professor Benjamin Thierry leads the translational BioEngineering group at the University of South Australia and founded UniSA Ventures spin-out biotech company, Ferranova, achieving the following grant success for the new MRI technology Ferrotrace-FAPi:



- **\$837,678 3 year NHMRC Development Grant.**
- **\$3 million Australian Government Cooperative Research Centres Projects (CRC-P)**
- **\$8 million in industry funding to progress this technology to in-human clinical trials.**

The cutting edge MRI nanotechnology targets a specific marker that is found in more than 90% of solid tumours, including high-grade brain cancers, to more accurately image and therefore treat brain tumours, aiding in early detection and precision treatment. NRF provided a \$25,000 seed grant to support this research.

HOW TO REACH US

-  **Facebook**
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@NeuroSurgRF
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-  **nrf.com.au**

GO GREY IN MAY for brain tumour awareness



- Brain tumours kill more children and adults under 40 than any other cancer.
- In Australia, brain tumours claim around one life every 7 hours.
- We need a cure yesterday, and we can only get there with your support.
- Join us and help make a difference by supporting innovative brain tumour research: nrf.com.au/events/grey-may-fundraising

GREY MAY BRAIN TUMOUR RESEARCH UPDATE LAB TOUR AND LUNCH SAT 13TH MAY.

Join us for our upcoming free event showcasing the latest in South Australian brain tumour research, followed by a lab tour of the UniSA Centre for Cancer Biology and lunch where you can mingle with local researchers.

When: Saturday 13th May 2023
Time: 10:00am – 12:30pm
Where: UniSA Centre for Cancer Biology, Bradley Building, North Terrace, Adelaide SA 5000.
 Coffee and lunch will be provided



Prof Stuart Pitson
NRF Chair of Brain Tumour Research

Meet the speakers



Dr Chloe Shard –
Chris Adams Research Grant recipient 2022

Glioblastoma microenvironments and metabolomics.



Dr Tessa Gargett –
Inaugural Chris Adams Research Grant recipient 2018

LEVI'S-CATCH Clinical Trial GD2-CAR-T cell therapy in children



Ms Amanda Luck –
South Australian Paediatric Brain Cancer Biobank

Establishment of South Australia's first Paediatric Brain Cancer Biobank



Dr Saloni Singh –
Australian Dental Association SA Branch

Importance of dental health during chemotherapy



Ms Ginta Orchard –
NRF Executive Officer

NeuroSurgical Research Foundation and Patient Support

REGISTER TO ATTEND HERE:
nrf.com.au/events/go-grey-in-may

Brain tumour warriors - watch their stories

We were privileged enough to interview four SA brain tumour warriors, who are sharing their personal brain tumour experience this Grey May to help raise awareness. Please join us online each Sunday for a special video series as we share their stories. Videos will premier on the NRF social media channels and be available to watch on our website. We would like to express our sincere gratitude to those who share their deeply personal journey with us and the broader NRF community.



CHERRIE ADAMS
STRONG ENOUGH TO LIVE



CHLOE DROGEMULLER FIEBIG
BRAVE FOR DAVE



TERENCE YUELL



TARNYA VAN DRIEL

Here's how you can make a difference this Grey May

Donate to the 2023 Grey May Appeal

DONATE HERE
drct-nrf.prod.supporterhub.net/donations/go-grey-in-may-23

Check out our Online Grey May Auction

BID HERE
drct-nrf.prod.supporterhub.net/auction/grey-may-2023-auction

Held all throughout May we will be auctioning off fabulous prizes with all proceeds going towards vital brain tumour research. Over 40 fabulous items are available to bid on so make sure you get in quick before your favourite items are going once...going twice...gone!

Thank you to our wonderful Grey May partners and sponsors

We would especially like to thank Jones Radiology and Radiology SA who will be donating \$10 to Neurosurgical Research for every brain tumour MRI conducted in SA during May!



BRAIN TUMOUR FACTS

Did you know?

About **1,700** Australians are diagnosed with a malignant brain tumour each year, and a further **2,000** with a benign tumour

Kills more people under the age of **40** than any other cancer

Kills more children in Australia than ANY other disease

Median survival is **15** months

Mortality rates have barely changed in **30** years

GET INVOLVED

Join us and help make a difference by supporting innovative brain tumour research through the 2023 Grey May Appeal: nrf.com.au/events/grey-may-fundraising

YOU ARE CORDIALLY INVITED TO ATTEND

NRF SPARKLING 60TH CELEBRATION DINNER



SATURDAY 26 AUGUST 2023
ADELAIDE ENTERTAINMENT CENTRE
BLACK TIE, 6.30PM – LATE

Dress to impress! Any formal attire acceptable

We invite you to join us as we celebrate six decades of ground breaking research and advancements in neurosurgery at our most dazzling event yet!

TICKETS ARE NOW ON SALE
Get yours here: nrf.com.au/events/sparkling-60th

DETAILS:

\$200 per person inc. GST, 18+ event
Includes 3 course dinner + 5 hour drinks package.



PATRICK OF
COONAMARRA

Hosted by Emma Charlton. Tables of 8 - 12 people.



We are very excited to announce our headline act, Adelaide 90's powerhouse band **Velvet Soap Opera Company**.

GOLD



School of Biomedicine

SILVER

JonesRadiology

LifeHealthcare



BRONZE

Morgan Stanley

Thank you to our event Sponsors

JonesRadiology

CITY TO BAY 2023 - Sunday Sept 17

Join NRF Team Neuro!

- Register now for this year's race or do your own DIY version locally or abroad!
- Start fundraising now!

NRF Team Neuro raised an incredible \$32,150 for neurosurgical research in last year's City to Bay. With our "design your own race" option still available we had racers as far abroad as Paris! So lace up those sneakers and start training and fundraising for a fantastic cause, we can't wait to see a sea of yellow supporting neurosurgical research!

To celebrate the upcoming historic 50th City-Bay in 2024, you can take advantage of the Super Early Bird 49th+50th Double Deal. Giving adult 12km City-Bay participants the unique opportunity to enter the 49th event in 2023 and the historic 50th event in 2024 for only \$99!



REGISTER TODAY:
nrf.com.au/events/city-to-bay-2023

