

**What if  
somebody  
told you that  
saving lives  
was in  
your genes?**



**It's true.**

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# Our genes hold the key to finding cures for thousands of inherited diseases.

These diseases affect us and our families everyday; breast cancer, heart disease, diabetes, prostate cancer, haemophilia and leukaemia, just to name a few. [Cure The Future](#) (Cell and Gene Trust) was established in 2005; to raise funds for medical research into cell and gene therapies using new platform scientific research to revolutionise our ability to cure disease.

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Each cell in a person's body contains that person's unique DNA sequence or code in their DNA.

A person's DNA of some 3 billion C, A, G and T letters is ordered into about 30,000 genes containing the basic information from which an entire person is 'built'. We inherit our parents' genetic codes and some of their genetic abnormalities are passed on to us and reside in our DNA. To the extent that a person's

genes determine their physical characteristics, they also determine whether a person will have one or more genetic abnormalities. Gene Therapy sounds simple enough. You give someone a healthy gene, to replace a faulty one. But it's not such a simple process. It involves the use of new technology, a combination of gene therapy and cell research, specifically targeting the root genetic cause of inherited diseases. Cell and gene therapy involves delivering a healthy

gene into the patient's target cells via a harmless virus vector. Once the virus binds to the cell it then injects the DNA that it contains into the cell and that cell then takes up that DNA, makes it its own and then produces whatever the cell is told to make. Such an approach can eliminate the consequences of inheriting the faulty 'disease-causing' gene.

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At the forefront of this pioneering research is Professor John Rasko. He is a world renowned gene therapy scientist and practising haematologist based at Royal Prince Alfred Hospital. Professor Rasko is also the Chairman of The Federal Gene Technology Technical Advisory Committee and board director of Cure The Future.

A pioneering internationally renowned gene therapy clinical trial in gene therapy in the world was conducted by Professor

Rasko and international collaborators with the aim of curing Haemophilia. The trial involved a single injection of a modified, safe virus carrying the therapeutic haemophilia gene.

This was delivered into the liver of the patient. In one of the two Australian patients, an increase in the previously-absent haemophilia factor was achieved. While this success was only temporary, this trial offered proof of the principle that by treating the root genetic

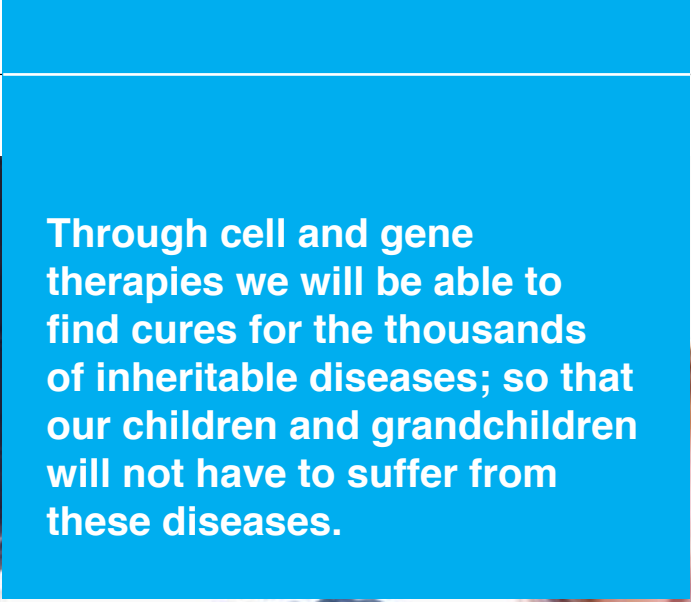
cause of a disease it can be cured. The second clinical trial is set to take place soon and will hopefully result in a long term cure for haemophilia.

**“The notion that we can use cells or genes to heal ourselves of disease that have always been incurable is almost beyond comprehension, but is in fact within reach.”**

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Through cell and gene therapies we will be able to find cures for the thousands of inheritable diseases; so that our children and grandchildren will not have to suffer from these diseases.



A great way to get involved with Cure The Future is to attend one of fundraising events. Each year we hold our annual 'Golf Challenge' and our 'Six Degrees of Separation' Dinner. We are always adding to this list of events so make sure you visit our website and view upcoming events.

Another great way to help Cure The Future is to hold your own fundraising event.

**“Many of the world’s great medical discoveries and scientific milestones have come to fruition largely due to the support of private individuals.”**

# Your support could help cure the future of thousands of Australians.

## How you can help cure the future...

- Become a "Generation Sponsor" - \$5,000 annual donation
- Become a "Corporate Sponsor"
- Make a bequest to Cure The Future in your Will
- Sponsor a project
- Buy a piece of equipment for the laboratory
- Sign up to a monthly donation deducted from your pay - \$25, \$50, \$100 you choose
- Make a donation
- Hold a fundraising event or party
- Attend our events
- Volunteer
- Join the DNA Dave Fan Club
- Tell your friends about Cure The Future

Name: \_\_\_\_\_ DOB: \_\_\_\_\_

Address: \_\_\_\_\_ Suburb: \_\_\_\_\_

Post Code: \_\_\_\_\_ State: \_\_\_\_\_ Email: \_\_\_\_\_

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_

### Preferred Method of Contact:

Phone  Email  Post

### Sign up to Cure The Future's Newsletter:

Yes  No

### I would like more information on the following:

- Upcoming events
- Bequest
- Fundraising
- Volunteer work
- In Memory of
- Workplace giving
- Sponsorship
- DNA Dave Fan Club

### I would like to make a Donation:

\$25  \$50  \$100  Other \_\_\_\_\_

### Payment Method:

Cheque  Visa  Mastercard  AMEX

Please make cheques payable to The Cell & Gene Trust.

Card No: \_\_\_\_\_

Exp: \_\_\_\_\_ CCV: \_\_\_\_\_

Signature: \_\_\_\_\_

**Please post to:** Level 12, 77 Castlereagh Street, SYDNEY NSW 2000

Donations over \$2 are tax deductible and receipts will be posted to the address supplied above.



**“Joining the Cure The Future family and investing in medical research is a sound business decision that could make a significant difference to the health of thousands of Australians.”**

**Cure The Future was established in 2005 by the generosity and support of 25 founders.**

**Believers in the promise that this research holds the potential to relieve human suffering.**

**Founders:**

Mr Paul Armstrong  
Mr Michael Carr  
Mr Matthew Coren  
Mr Bryce Courtenay AM  
Ms Christine Gee  
Dr Peter Dodd  
Ms Roslyn Forrest  
Mr Julian Grosvenor  
Mr Joseph & Mrs Miriam Habib  
Mr Martin Hirst  
Mr John & Mrs Kathleen Howard  
Mr Sean Howard  
Mr Ben Keeble  
Mr David Khedoori  
Mr Fred Khedoori  
Mr Alexander Lang  
Mr William Lynch  
Mr Simon Maidment  
Mr Bill Moss AM  
Mr John Needham  
Mrs Helen Rasko OAM  
Mrs Hermina Rich  
Mr Andrew Richardson  
Mr David Ross  
Mr Mark and Mrs Jane Skinner  
The late Mr Eric Strasser

**Ambassadors:**

Lucy Turnbull  
David Pullini  
Petero Civoniceva

**Patrons:**

Bryce Courtenay AM  
Diana Horvath AO  
Hon Michael Kirby AC CMG  
Bill Moss AM



“At last we can do something about genes that cause disease. Can you imagine – every future child born with an inherited and otherwise incurable disease may soon be given the opportunity for a healthy life.”

**Bryce Courtenay**



“Professor John Rasko's world leading research provides a natural solution to disease, whereby the body uses its own resources to treat disease.”

**Lucy Turnbull**



[www.curethefuture.org](http://www.curethefuture.org)

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Proudly supports research at  
Royal Prince Alfred Hospital Sydney