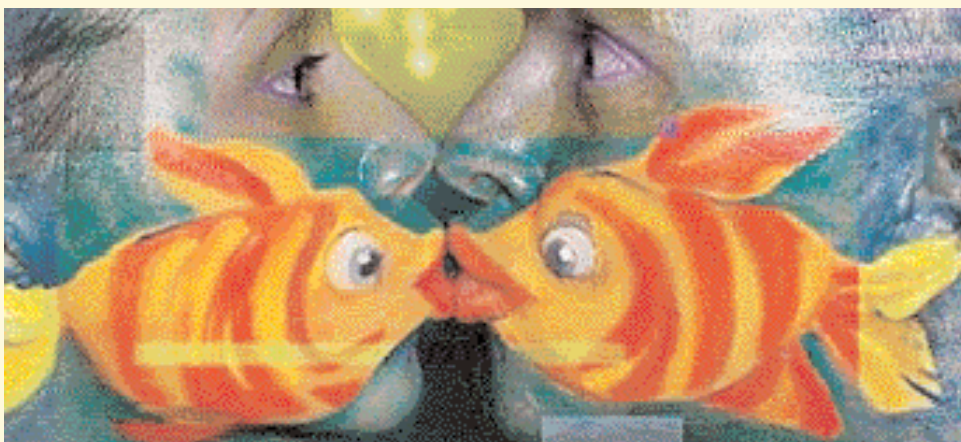




# FUNNY IDEAS

*From our junk mail*



## Imagination



### Cystic fibrosis sufferers offered hope by gene therapy treatment

**Cystic fibrosis sufferers have been offered new hope of an effective treatment that would use a 'super' virus to swap defective genes for healthy ones.**  
by Kate Devlin, Medical Correspondent

Scientists found that a laboratory-created "super" virus could be used to deliver a healthy version of a gene into cells affected by cystic fibrosis, ridding them of the disease.

The discovery is the latest boost for a technique called gene therapy, which scientists hope can attack diseases at their root.

Previous studies have shown that scientists can "turn off" the faulty gene which causes cystic fibrosis by replacing it with a healthy copy.

However, the effects have proved fleeting because the viruses used to carry the "good" gene into cells are quickly attacked by the body's immune system.

Now scientists have been able to create a much stronger virus, with no side effects, capable of resisting the body's defences.

Tests on human lung cells with cystic fibrosis showed that they were free from the disease after being treated with the virus.

Viruses are one of two key ways that scientists hope they can carry healthy genes into sufferer's cells.

Human trials have already begun into the other method in which liposomes, natural fatty substances which stick to the outside of cells and encourage viruses to enter them, are used to transfer the genes.

More than 8,000 people in Britain suffer from cystic fibrosis, including Gordon Brown's son, Fraser.

The disease, which affects the lungs and causes breathing difficulties, has few known treatments and average life expectancy is just 31.

David Schaffer, from the University of California Berkeley, one of the co-authors of the study, said of the latest breakthrough: "I think it is worthwhile thinking about clinical therapy at the levels of infection we are achieving."

Joseph Zabner, from the University of Iowa, added that if further tests proved successful the therapy could be a cure for the condition.

He said: "If we are able to show that efficient gene transfer can result in gene therapy, if we can cure the lung disease of pigs that have been genetically engineered to have cystic fibrosis lung disease, we should have a real chance of curing cystic fibrosis in humans."

The scientists modified a harmless virus, known as adeno-associated virus (AAV), which is carried by 90 per cent of the population, into a highly infectious form several hundred times stronger than normal.

The new virus is more effective at entering lung cells than its natural ancestor and better at evading becoming detected by the body's natural defence systems.

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## TV GUIDE



**ROCKET\_P**

### CHANNEL EYE

A.M.	06.29 Station Opening	01.30 Afternoon News
06.30	Talk for the Day	01.45 Tamil Feature Film
06.45	Cartoon Programme	04.30 Cartoon Series
07.00	Jayawiru & Suvastha	05.00 Cartoon Programme
07.15	Shanida Vasana	05.30 Musical Programme
07.30	Naledugalli Intru	06.00 Sokkuthay Manam (Tamil)
08.00	Tamil Songs (Tamil)	06.30 Natyangalee
08.30	Kalai Wanakkam	07.00 News & Weather Report
09.30	Udaya Darshanam	07.30 Puthuyugam
11.00	Kana Kanam Kalangal	08.00 Kana Kanam Kanangal
11.30	Kaimanam	08.30 Appukakaga
Noon	12.00 Lunch Time Variety	09.00 Vasana Sampatha
P.M.	09.30 News and Weather Report	09.15 Jayoda Lottery
01.00	Enthozhi En Kathai En Manavi	10.00 Top Score
		10.30 Mihimadala

### SWARNAHINI

A.M.	06.00 Ehi Passiko	03.00 Diriya Doni
06.30	Mul Pitwa	04.00 Jeevithaya Lassanaal
07.00	Loka Sithiyama	05.00 Anne
07.30	Never Ending Story	05.30 Mini Toons
08.00	Hello Sri Lanka	06.00 Musix
10.30	Channel D	07.00 Sports Hitz
11.00	Mahajana Sewaya Pinisai	07.30 Gaja Muthu
Noon		08.00 Live @ 8
12.00	Live @ 12	08.30 Abhimaan
P.M.		09.00 Hima Kandulu
12.30	Rasa Liya	09.30 Loving Star
01.00	Hada Rendu Peya	10.00 Hathdinnath Tharu
02.00	Bhaashini	M.N.
		01.00 Close of Transmission

### ETV

A.M.	06.00 Prime Time Morning	02.00 Channel News Asia
06.45	Debrief	04.30 Telemarketing
07.00	Lanka Business Online	05.00 As Told by Ginger
07.01	LBR Money Report	06.00 Channel News Asia
07.30	Channel News Asia	07.00 VH1
07.30	Channel News Asia	07.45 Debrief
09.00	LBR Money Report	07.55 Lanka Business Online
09.30	Channel News Asia	08.01 American Idol Season 8
10.00	Telemarketing	08.55 Lanka Business Online
10.30	Channel News Asia	09.01 The Bold & The Beautiful
P.M.		09.45 Debrief
12.00	YA TV	09.55 Lanka Business Online
12.30	Telemarketing	10.00 Channel News Asia
01.00	VH1	10.30 A Place of Our Own

### MTV

A.M.	05.25 Station Opening	05.30 Sherlock Holmes in the 22nd
05.30	Voice of America	06.00 Enter 10 Music
06.30	News First	06.30 TV South Asia
07.00	Good Morning Sri Lanka	07.00 Tiny Toons Adventure
08.00	Fox News	07.30 Tom & Jerry Kids
12.30	News	08.00 Cricket Classics
12.45	VOA	09.00 News
01.15	Fly Tales and Untalkative	09.30 Planet Pulse
	Bunny Fillers	10.30 Top Story
04.30	Animated Classics	10.32 Fox News

### DERANA

A.M.	05.55 Station Opening	01.00 Real Leader 2008
06.00	Cartoon	02.00 Back To Back
07.00	Double or Quit	03.00 Iraj Show
08.00	Feng Shui	03.30 Allapa Sallapa
08.30	Mal Hathai	04.00 Punchi Sathsara
09.30	Colombo Fashion Show	05.00 U Turn
10.00	Anarkali Live	05.30 Kema Lasthi
11.00	Bollywood Show	06.00 Iraj Show
11.30	Music on line	07.00 Derana Little Star
P.M.		08.00 Ada Derana
		08.30 Derana Dream Star
		10.30 Back to Back Songs

### SIRASA TV

A.M.	04.00 Pirthi & Jayamangala	04.00 Cartoon
04.30	Gatha	04.30 English Lesson
04.30	Mahamaluwa	05.00 Scooby Doo
05.00	Bana	05.30 Tom & Jerry
05.30	Cartoon	06.00 Magic Box
06.00	English Lesson	06.30 Tharumansala
06.30	News First	07.00 News 1st
07.00	Inspector Gadget	07.30 Silu Gedara
07.30	Sonic	08.00 Mahagedara
08.00	Jeevithayata Eda Denna	08.30 Kindurangana
08.00	Inspector Gadget	09.00 Praveena
08.30	Rasala Rasak	09.30 Kawya
11.00	Diganthaya	10.00 News 1st
12.00	Lunch Time News	10.30 Final Cut
P.M.		10.45 Kedalla
12.15	Lunch Time TV	A.M.
01.00	Nonawaruni Mahatwaruni	12.00 Diganthaya
01.30	Movie	01.00 MTV News

### RUPAVAHINI

A.M.	05.48 Station Opening	02.30 A Documentary
05.50	Homage to the Triple Gem & Karaniya Metta Sutta	03.00 News
06.00	News	03.05 Documentary (Contd.)
06.06	Sivudesa	03.30 Tele Drama
06.30	Palthara Sirasthala	04.00 News
07.00	News	04.05 Vinoda Samaya
07.05	Aadaraneeya Yavunayaya	04.30 Sarisara
08.00	News	05.00 News
08.05	Nuga Sevana	05.05 Havasa Paya
09.00	News	06.00 Defence News
09.05	Nuga Sevana - Contd.	06.05 Pariganaka Paradesaya
09.15	News	06.30 Isuru Bhavana
10.05	Nuga Sevana - Contd.	06.58 Vismitha Charika
11.00	News	07.27 Pasubima
11.05	Aluth Sri Lankawak	08.00 News (Sinhala)
Noon	Mosam Ralla - Tele Drama	08.30 Pasubima
12.00		08.35 Tele Drama
		09.05 Bodima
		09.32 Tele Drama
		10.00 Vasana Sampatha
		10.05 Jayoda Lottery
P.M.		10.10 News
12.30	News	10.27 Vyaparaka Vilithi
01.00	Hiru Vyana	10.30 Uthamachara
02.00	News	12.00 End of Transmission
02.05	Tele Drama	

### ART TV

A.M.	06.30 World Business Today	05.30 World's Untold Stories
07.00	The State of Business	06.00 World News
07.15	Music +	06.30 World Report
07.30	International Correspondents	07.00 Inside Africa
08.00	The Adventures of Captain Pugwash	07.30 The Campaign Trail
08.30	3 Friends & Jerry	08.00 The Daily Show with Jon
09.00	Cartoon	08.30 World Business Today
09.30	The Campaign Trail	09.00 Movie
10.00	Telescreen Marketing	11.00 World's Untold Stories
10.30	Back To The Bible	11.30 Eco Solutions
11.00	International Correspondents	M.N.
11.30	CNN Today	12.00 The Spirit Of...
P.M.		A.M.
12.00	Middle East	12.30 CNN Business Traveller
12.30	CNN Today	13.00 International Correspondents
01.00	Quantum Tele Shopping	01.30 The Campaign Trail
01.30	The Spirit of...	02.00 Daily Show
02.00	Movie	02.30 World News
04.00	Quantum Tele Shopping	03.00 iReport
04.30	Mupolop Shop	05.30 Eco Solutions
05.00	Cartoon	05.30 CNN Today
		06.00 Inside Africa

### SHAKTHI TV

A.M.	06.00 Breakfast News	01.15 Movie
06.15	Filler	04.00 My Dear Bootham
06.30	Good Morning Sri Lanka	04.30 Gijo
08.30	Caller Galatta	05.00 Kutties Choise
09.00	Priyamana Thozhi	05.30 Shakthi Chat
10.00	Vasantham	06.30 Kolangal
10.30	Svashakthi	07.00 Kalasam
11.00	Anandam	07.30 Simran Thiral
11.30	Kasturi	08.00 News 1st
Noon		08.30 Selvi
12.00	Penmanikkaka	09.00 News (English)
P.M.		09.30 Lakshmi
12.30	Pennag Neram	10.00 Thirumathi Selvam
01.00	Madhya Seithigal	10.30 Nenjam Marappathilal
		11.30 Putham Puthusa



**FRIENDS**