

Musharraf's Law

How Pakistan's
turmoil hurts the
global war on terror

**Sicily's
Mafia
Takes
A Hit****Best Inventions
Of 2007**

From phones to fashion—a
dazzling display of ingenuity



TIME

What Hillary Believes

And
Why
She
Thinks
She'll
Win

BY JOE KLEIN

AND COUNTRIES: UKK 20.00; ALGERIA 44.00; ARGENTINA 44.00; AUSTRALIA 44.00; AUSTRIA 44.00; BELGIUM 44.00; BRAZIL 44.00; CANADA 44.00; CHINA 44.00; DENMARK 44.00; FINLAND 44.00; FRANCE 44.00; GERMANY 44.00; GREECE 44.00; HONG KONG 44.00; HUNGARY 44.00; INDIA 44.00; ITALY 44.00; JAPAN 44.00; KOREA 44.00; MALAYSIA 44.00; MEXICO 44.00; NETHERLANDS 44.00; NEW ZEALAND 44.00; NORWAY 44.00; POLAND 44.00; PORTUGAL 44.00; ROMANIA 44.00; RUSSIA 44.00; SINGAPORE 44.00; SOUTH AFRICA 44.00; SWEDEN 44.00; SWITZERLAND 44.00; TAIWAN 44.00; THAILAND 44.00; U.S. 44.00; U.K. 44.00; U.S. MAIL 44.00; CANADA 44.00; MEXICO 44.00; REST OF WORLD 44.00



Blood Simple

If your blood type is O negative, you may feel a bit like a vampire's victim every time you volunteer to donate a pint. That's because as a universal donor, your blood can be safely transfused to people of any blood type, making it the most valued commodity in the blood bank. That may soon change, now that Danish researchers have found **a way to convert other blood types to O** with the help of some bacteria. The scientists have isolated two enzymes made by the bugs that can chew away the sugar molecules that distinguish types A, B and AB negative blood, essentially converting them to type O (the bacteria can't, however, eliminate the Rh proteins found on A, B and AB positive blood). Testing of the resulting blood in human patients has just begun. If successful, the transformed blood could provide a steady supply and alleviate frequent shortages.

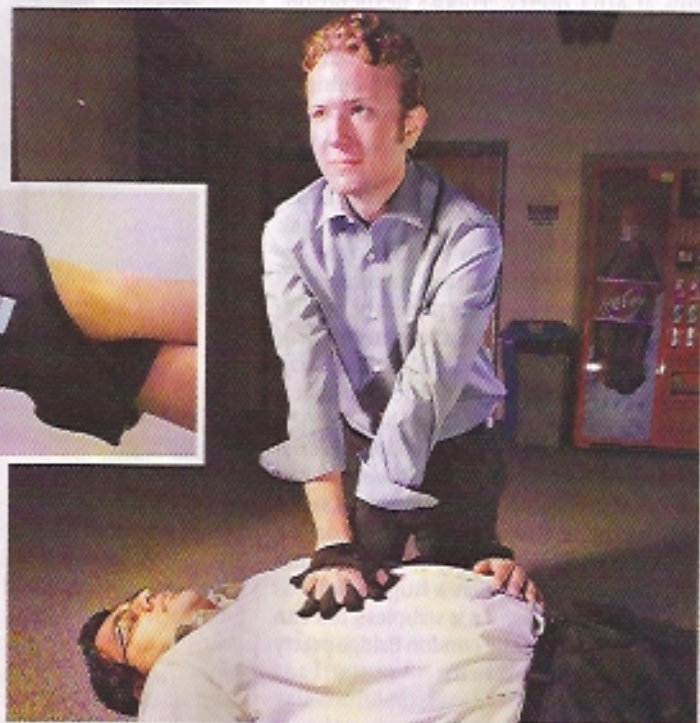
Available Testing under way
zymequest.com



Healing Hand

CPR always looks so dramatic on TV hospital shows, but in reality, chest compressions are hard to get right, even for trained health professionals. Enter the **CPR Glove**, the senior year design project of three undergraduate engineering students from McMaster University. Once you slip it on, the black neoprene glove, embedded with sensors and chips, talks you through the proper way to resuscitate by measuring the amount of pressure you exert with each compression as well as the frequency of your chest pumps. If you aren't pumping hard or fast enough, the glove instructs you to "compress faster."

Available Testing will begin in 2008
cprglove.com



Cancer's Crystal Ball

For anyone who has battled breast cancer, the threat of recurring tumors is one that no treatment can completely eliminate—yet. But with **Mamma-Print**, a genetic test of a tumor's DNA, patients and doctors can get a better handle on how likely it is that the cancer will spread. The 70-gene screen, developed by Amsterdam-based Agendia, is the first test approved by the U.S. Food and Drug Administration that measures the activity of genes at work.

Available Approved in February
agendia.com

