**ROLLING OUT TROJAN HORSE TO FIGHT CANCER**

**GARY ROBBINS • U-T**

Fighting will never stop on a battlefield nor is it likely to stop once the battle is won. So how things turn out. The value will either be for the cancer, a self-victory, or a young patient proving a simple question: Can I launch a sneak attack on leukemia by tricking the immune system into welcoming drug-filled particles that are a million times smaller than an ant?

The immune system defies, costs, makes them as a threat. But it might be possible to fight back. And a biological scientist at UC San Diego, Liangfang Zhang, has proposed an old question, University of California San Diego researcher Liangfang Zhang is designing the synthetic nanoparticles with the skin of red blood cells, hoping that something natural will hide something else.

“If this works, the drugs will seek out the cancer cells and stream for a longer period of time,” UC Medicine - A3

**UCSD researcher disguises drug-filled particles with skin of red blood cells to attack leukemia**

**LI TjuanA, 1,500 PEOPLE GATHER TO MOURN MEXICO’S NO. 2 OFFICIAL**

Interior minister, 7 others killed in coppper crash south of Mexico City

**SANDRA DIBBLE • U-T**

**TIJUANA**

For Mexico’s presidential ballot of pore, this country’s vile interior minister was honored Sunday in a ceremony. “A for the family,” said the head of the National Action Party. “We want him to be in a position of responsibility and a good person,” added Pedro Canales, a former president of Palomar Mountain.

The event was a celebration of the interior minister’s service and was attended by dozens of former colleagues standing around a large portrait of Blake and an uncaring time his life.

**FACTS:**

- **BY AGE 50, THE AVERAGE AMERICAN IS MISSING 4 OR MORE TEETH.**
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**ECONOMIST ACCEPTS HUGE CHALLENGE OF RESCUE ITALY**

Bersani’s replacement given mandate to navigate the country out of debt crisis

**RACHEL DONADIO • U-T**

With Mario Monti, a former member of the European Parliament, expected to be named the country’s new prime minister, the task will be to keep the country from being dragged into Europe’s debt crisis.

Monti, 68, a respected economist who has stayed away from media in a time of markets turbulence, was expected to move into office as soon as the country had a parliamentary majority for the new government.

Assembling a majority usually requires days or weeks of talks, but Italy does not have the luxury of time. Political infighting has hobbled the country’s heavy-lifting crises to dangerous heights, putting at risk the euro currency that stabilize the region.

The crisiscollege was created by Prime-Minister-For-Bersani on Saturday, telling Italy’s main political parties it needs to work fast to stop the country from being dragged into the euro zone.

President Giorgio Napolitano, who heads the state ITALIA • A3

**COUNTY SEEKS NEW WAYS TO FUND PARKS**

Possible fee increases, naming rights are among items under consideration

**CARMEN DE LA MORA • U-T**

With public parks under siege from Sacramento to Washington, San Diego County is weighing the possibility of raising fees and exploring commercial avenues to ensure the future of parks in the region.

The plan requires financing the $2.5 billion needed to maintain and improve the county's parks and open space. This comes as the county is losing money and decreasing the amount of money it contributes.

The plan requests the city's financial assistance traditionally approached delivering recreation services internally. San Diego County is now considering the idea of abolishing the county's parks and open space department and outsourcing these services.

The board, which must hold a vote on Tuesday, will consider the idea of hiring a consultant to help find new revenue sources for the county's parks and open space department.

The board is expected to vote on the matter next month.
A Trojan horse: attack on cancer cells

Researchers at the University of California San Diego have created a novel approach to lighting cancer by coating nanoparticles that contain anti-cancer medicine with the membranes of red blood cells. Here's how it would work:

1. **Biodegradable nanoparticles**, which are very small — less than 100 nanometers in size — are mixed with anti-cancer drugs.
2. **Red blood cells** are separated in a centrifuge and collected.
3. **Red blood cell membranes** are separated and collected.
4. The nanoparticles are mixed with the red blood cell membranes, pieces of which completely coat the nanoparticles.
5. The particles are injected into the body. Researchers have found that the blood cell coating may camouflage the nanoparticles from the body’s defenses — such as white blood cells — and allow them to more effectively attack cancer cells.

A potential advantage for camouflaged drugs is that they might stay viable for the longer periods required to reach the body, the more times they have to see and kill cancer cells, researchers say.

How long nanoparticle drugs stay in the body

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