

# Scientists Hope Molecules Hold Key To Prolonging Youth, Curbing Cancer

WASHINGTON (UPI)—Scientists working with molecules which boss the work of living cells may some day learn how to prolong youth and curb cancer.

This hope was held out today by Dr. T. M. Sonneborn of Indiana University in an address to scientists celebrating the centennial of the National Academy of Sciences.

Already researchers have managed to make one kind of cell stop the sort of work it has been doing and turn to other projects. They have set tumor cells, for example, to manufacturing products normally produced only by liver cells.

They have intervened so

deeply in the makeup of paramoecia, microscopic one-celled animals, as to create monstrously with two mouths and three vents for waste.

**Long-Time Puzzler**

Science has long been puzzled by what makes one cell function differently from another possessing generally the same equipment. The human being begins as an invisible fertilized egg which proceeds by cell division to produce more than a billion billion other cells, the building blocks of the body.

The first cells, Sonneborn said, seem to be identical. Then differences appear. Finally, the body is possessed of scores of differently functioning cells which manufacture everything from toenails to teeth.

This is known as cell differentiation, and for a long time scientists held no hope of ever understanding it. In the past decade there has been a "rev-

olution" in this field of study and a growing conviction that "it will be the area of one of the next great triumphs of biology in the decade or two ahead."

The "boss molecules" of cells are nicknamed DNA and RNA. DNA is the chief genetic material, ultimately responsible for heredity and function. RNA is the genetic material charged with carrying out DNA's orders.

How does it come about that two cells with roughly the same content of DNA and RNA grow up to perform such different chores, the one making skin tissue, say, and the other manufacturing ear lobes? Scientists now believe that

this cell differentiation comes from regulation—the turning on and off — of activity by the genes in which the boss molecules are situated. They are beginning to surmise how nature does this.

By injecting genetic material from one kind of cell into another, experimenters have forced the treated cell to take on a new occupation. The change is permanent, the injected cell passing its new pattern of activity on through subsequent generations.

Sonneborn has experimented with non-genetic ways of changing cell function and found that they, too, work. All this suggests "future possible practical applications," he said.

# Full-Scale Inquiry Requested

WASHINGTON (UPI)—Sen. Hugh Scott, R-Pa., said today he would fight to head off any delay in the inquiry into financial interests of former Senate Democratic Secretary Robert G. (Bobby) Baker.

Scott said he would oppose any move in the Senate Rules Committee to have the investigation handled by a subcommittee because "the honor of the Senate is at stake and delays might result."

The rules committee, headed by Sen. B. Everett Jordan, D-N.C., meets today in closed session to agree on ground rules for the investigation of possible conflict of interest in Baker's outside activities.

Baker resigned his \$19,600 post on Oct. 7 after disclosure of his interest in a food vending firm serving defense plants.

Scott, one of three Republicans on the committee, said he would urge that the closed hearings be held by the full committee. He indicated he expected a majority move to consign the inquiry to a subcommittee.

Jordan said in advance of today's meeting that the subcommittee question would be a first matter to be settled. He indicated no preference on procedure.

Scott also told a reporter he thought the rules committee should inquire about "all transactions by the former majority secretary which have a bearing on his interests in order to determine whether a conflict of interest existed."

That would mean, he said, information on such transactions as Baker's various real estate deals—as well as his role in the Serv-U food vending firm.

The 35-year-old former Senate page boy, besides living in a \$125,000 house in Washington's swank Spring Valley, was said by the Advance News Service to be owner of a \$30,000 contemporary town house in Southwest Washington.

The news service said the town house had been occupied by several young women, including Baker's former Senate secretary, Nancy Carole Tyler. Miss Tyler resigned Oct. 8 from her \$8,000 a year job.

# Goldwater Believed Ahead In Two Key States

WASHINGTON (UPI)—Highly placed Republicans now class Sen. Barry Goldwater of Arizona as the favorite to win crucial presidential primary contests in New Hampshire and California.

In both states, Goldwater is expected to collide with Gov. Nelson A. Rockefeller of New York. The New Hampshire primary March 10 is the nation's

first. California will close out the presidential primary season June 2, six weeks before the GOP National Convention.

New Hampshire is regarded as a critical test for Rockefeller, who needs to make a good showing there to stay alive as a candidate for the presidential nomination.

But while Goldwater is rated the favorite, uncommitted Re-

publicans believe that the small state is territory well adapted to the intensive campaign the New Yorker is expected to conduct.

Although neither Goldwater nor Rockefeller is an announced candidate, both are viewed as active contenders for the nomination. An early announcement is expected from Rockefeller. Goldwater presumably passed the point of no return when he

set up a committee headed by former Sen. William F. Knowland to advise him whether to enter the California primary. An adverse recommendation is deemed inconceivable.

Other Republican wheels have enlisted in the Rockefeller campaign, but none has the stature of Knowland, former Republican leader of the U.S. Senate.

GOP analysts now visualize a convention needing more than two ballots to nominate a presidential candidate. But they also concede that Goldwater could win on the first ballot after a string of primary victories comparable to those won by President Kennedy in 1960.

Favorite son movements are developing for such Republican leaders as Govs. William W. Scranton of Pennsylvania, George Romney of Michigan and James A. Rhodes of Ohio, and Rep. John W. Byrnes of Wisconsin.

# NRA Postpones Action On Proposal To Seek Solution To Power Dispute

SUN VALLEY, Idaho (UPI)—Directors of the National Reclamation Association put before 17 state caucuses today proposed creation of an NRA committee to resolve the public vs. private power dispute.

They voted Tuesday to defer the proposal until the more than 850 delegates attending the 32nd annual convention here can dis-

miss it in their state meetings.

Some delegates, however, said the association should stay out of the fight to avoid being accused of taking one side or the other.

"We need power development in order to pay out some of these reclamation projects," said a member of the resolutions committee. "Without it, we might not have the irrigation projects to develop the West."

NRA President LaSelle E. Coles, Prineville, Ore., called for fully rounded water resources development of the West. While this no longer needs to be based primarily on irrigation, he said, the benefits of irrigation to the total economic picture should not be overlooked.

He said the river systems can be made to provide a full range of services "aimed at serving municipalities and industries as full partners in agriculture."

"I do not think that surpluses or other problems in the South, East or Midwest have any bearing on the need of the West for its own regional resource base," he said. "We need our reclamation program just as they need their flood control and pollution abatement programs."

Coles called in particular for a vigorous attack on the water problems of the Southwest which he said are "approaching a crisis."

He also hit out at a national magazine article that put a "pork barrel" title, he said, on the basic resource development

program of the West. He said it reflected other trends and beliefs including dissatisfaction with farm subsidies, the farm surplus problem and "even the growing resentment of city people over what they consider undue rural domination of legislatures."

# Aid Cutback 'Frightens' Vietnamese

CHICAGO (UPI)—Mme. Ngo Dinh Nhu said Tuesday night the U. S. cutback of aid to South Viet Nam "frightened" her government and would raise "great suspicion" in many countries.

The fiery First Lady of South Viet Nam told the Headline Club that the United States had taken the action without consulting her government.

"What is the purpose of this cut in aid?" she asked. "How can we know unless you are willing to talk with us?"

"These things can be settled if they are spoken clearly between the two countries," she said. "In Saigon, we asked Mr. Lodge (Henry Cabot Lodge, the American ambassador) why, and he said, 'It is all from the State Department.'"

The U. S. earlier this week cut off its \$1 million annual allowance for the Vietnamese "special forces" which have raided Buddhist pagodas. The United States said the cut would remain in effect until the Vietnamese forces returned to combat against the Communists.

"This will raise great suspicion in many countries," she said. "Now actually the Vietnamese government is frightened."

She said again that the South Vietnamese were winning the war against the Communists, that the violence in her country was not a religious strife, and that Communists had infiltrated the ranks of the Buddhists monks.

Swimmer Succumbs In Hospital

SAN FRANCISCO (UPI)—James Small, 27, former University of California swimming star who lost both legs in a San Francisco Bay accident Sunday, died today at Letterman Army Hospital.

The swimmer's condition had been listed as critical, although hospital officials said he had been showing signs of improvement after undergoing surgery Tuesday for the second time.

"He came through surgery in good shape and was in very good spirits," Capt. John Roberts, Letterman information officer, said. "He was conscious shortly before he died at 7:16 a.m."

Death was attributed to multiple hemorrhaging. Small received 65 pints of blood after the accident as hundreds of donors responded to a plea for blood.

Small was among 12 members of the Dolphin Club competing in a long distance swim across the bay when the 32-foot fishing boat Pacific Dawn cut through the swimmers at an estimated speed of 12 knots. Small was the only swimmer injured.

The boat's propellers severed one leg and doctors were forced to amputate the other leg several hours later.

Officials of the Dolphin Club criticized the Coast Guard for not providing patrol boats to protect the swimmers as it assertedly had done in the past. But Coast Guard officials said the agency could not be responsible under federal laws and Coast Guard regulations for providing such protection.

# Burglar Bungles Job Twice

LUGO, Spain (UPI)—Enrique Castedo Gomez crept quietly into a home here last Wednesday and set about burglarizing it. But while he was upstairs Manuel Trigo Pol and his family came home.

For the next six days, police said today, the hapless Gomez, 36, hid in the attic of the house, waiting for the Trigo Pol family to go away so he could get out.

At night, the police said, Gomez went down to the kitchen to steal food. By day he sat hunched up in the tiny attic and thought dark thoughts about the wages of sin.

Tuesday the house finally fell quiet and Gomez, thinking the family had left, climbed down from his attic. But as he passed the main bedroom the temptation became too great and he delayed a moment to rob it.

While he was scooping up the loot, Trigo Pol, 38, returned, heard a noise upstairs, went to investigate and found Gomez hiding under the bed. He quickly locked the bedroom door and ran to tell police, who picked up the bungling burglar.

Since 1953, 10 million families have acquired major medical insurance to help cover costs of seriously crippling injuries and catastrophic illness, the Health Insurance Institute reports.

# Two Boys Flee Reds

BERLIN (UPI)—Two East German boys aged 13 and 14 fled to West Berlin by cutting their way through barbed wire on the East-West Berlin border, West Berlin police said today.

The boys fled Sunday night and were sent to a youth home while West Berlin welfare officials decided what to do with them.

In the past children who fled to West Berlin were sent home to their parents.

Meanwhile, it was reported that Eastern border guards in their hunt for refugees are even opening coffins.

The West German newspaper Bild Zeitung reported Eastern guards hired a plumber to open a zinc coffin being shipped from East Berlin to West Germany for burial.

# New York Police Claim Tito Protection Adequate

NEW YORK (UPI)—City authorities planned no extra protection today for President Tito despite Yugoslav complaints that police had allegedly failed to "undertake adequate security measures."

The Yugoslav claim was issued in connection with the cancellation by President Tito of a reception originally scheduled for Thursday for 1,100 guests at the Waldorf Astoria.

The complaint was rejected angrily by Police Commissioner Michael J. Murphy who branded it "sheer, unadulterated nonsense."

Murphy said that no action was being taken to augment the detail assigned to Tito. According to the commissioner, Tito's party has received additional protection in New York City because of its "controversial" nature.

The Yugoslav entourage has been met by demonstrations, fistuffs and picketing ever since its arrival here Sunday for a five-day visit to New York.

Two nights ago, two Yugoslav refugees managed to get

by security forces and made their way close to Tito's hotel suite before being intercepted by State Department guards.

President Kennedy apparently was upset by these developments and asked U.N. Ambassador Adlai Stevenson to check and report back to him and whether Tito was receiving adequate protection.

That same night anti-Tito demonstrators tangled with three Tito aides, including his personal bodyguard, Major General Milan Zeelj, outside the hotel. According to police Zeelj pulled a knife but authorities intervened before anyone was injured.

The latest melee occurred Tuesday night when three anti-Titoists attacked hotel employees who at sunset were folding the Yugoslav flag which had been flying over the hotel.

They tried to grab the banner and when police stepped in they spat on it. The men were held for questioning.

However, the flag incident occurred several hours after the Yugoslav mission to the United Nations announced its decision to call off the reception.

# Clockwatchers Delight

MEMPHIS, Tenn. (UPI)—Everyone agreed the new federal building was a clockwatcher's paradise. Inadvertently so.

Employees of 50 federal agencies, moving into the \$13.5 mil-

lion structure Monday, found nothing but clocks on several of the building's 11 floors.

Some of the 363 clocks were steered about various rooms. Others were stacked wall to wall, defying admission to offices.

"This is a little extravagant," admitted a spokesman for the General Services Administration (GSA), which manages the building.

GSA building manager Mervyn Anderson-Smith said the clock-log resulted from a slip-up in the contract for the building. He said the contract provided for installation of the clocks over office doors, but it failed to specify the locations.

The contractor decided to let the government put up the clocks and placed them indiscriminately on the floors of offices throughout the building. This created a problem for furniture movers who had to shove clocks aside to make way for desks.

Anderson-Smith said the "excess" clocks were being stored until it can be learned where they go.

# Bond Approved At Beaverton

BEAVERTON (UPI)—Residents of the Beaverton School District Tuesday approved a \$3.8 million bond election.

At the same time, Columbia School District voters agreed to build their own high school.

The Beaverton vote was 4,718 to 3,246. The money will be used for school additions and new construction.

Columbia District residents voted 174 to 144 to empower the board to hold bond elections for the money to build a new school on a 24-acre site north of Portland.

Columbia presently sends 110 high school students to Parkrose and Portland high schools.

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