FIREWORKS RAYS PROVIDE SCIENCE NEW HEALTH PILL

Flares of Ultra-Violet Light Can Be Set Off Inside Human Body, Is Latest Discovery in Research

By HOWARD W. BLAKESLEE
Associated Press Sports Editor

PHILADELPHIA. —(AP)— Flares of ultra-violet light—a new kind of health "pill"—can be set off inside the human body by a radiation discovery of the University of Pennsylvania.

The flares are chemicals injected into the body by hypodermic needle. They are in some ways startlingly like the colored light flares of fireworks.

Like the fireworks, these human flares have different colors. Ultra-violet being invisible has no color that the eye can detect, but it has different wave lengths, which are the cause of the visible colors. These invisible wave lengths can be varied in the body light according to the kind of chemical injected.

Also like fireworks, the chemical flares have to be set off. These human flares are lighted by a beam of X-rays. Unlike fireworks, they do not keep on blazing automatically, but only as long as the X-rays are turned upon them. Hence they are controllable in several respects for use in fighting diseased spots in the body.

What the uses may be are now unknown, since the development has just been announced to the scientific world at the American Chemical Society meeting in Denver.

They were developed during cancer research by Dr. Ellice McDonald, director, and Dr. A. J. Allen, physicist, of the Cancer Research Laboratories of the University of Pennsylvania. Dr. McDonald credited discovery of the chemicals to Dr. Allen.

The invisible flares kill small living cells. So they promise to act as a new sort of surgical knife, or even as a local purge, for diseased spots in the body. Some cells are killed by one ultra-violet wave length, or color, while other cells require a different wave length for lethal results.

The Pennsylvania discoveries indicate that by varying the colors of their flares physicians can select waves possibly effective against a particular disease.

"Thi research," Dr. McDonald says, "gives great hope of finding a range of radiation destructive to the cancer cell and of increasing and extending the powers of X-rays in the treatment of cancer.

"It is possible to reduce such radiation in remote cavities of the body. These discoveries will have many possibilities of use in obscure infections in the body and deep cavities."

ED M'DONALD DIES IN SHASTA CITY, CAL.

News has been received here of the death in Shasta City, Cal., of Ed McDonald, former well known pioneer of Central Point. Mr. McDonald died in the California town Tuesday, August 23. He was a brother of Fred McDonald of Grants Pass.

Funeral services will be held Saturday afternoon at 1 o'clock in the Sams Valley cemetery.

SILVERTON. — Negotiations being completed by Crown Mills for purchase of Loughmiller Flouring mills at this place.

ROSEBURG.—Work commenced on new city barn.

Society and Clubs

Edited by Eva Nealon

Friday Will Be Visiting Night at Scout Camp

Relatives and friends of Girl Scouts are invited to Camp Willipen Pines Friday, which will be visiting night, and the last of this season, as the camp will close Sunday with assembly at 2:30, to which the public is also invited.

The visiting night program will be presented at the camp fire at 7:30 o'clock and a jolly evening is promised for guests and participants.

All camp awards will be presented Sunday to Girl Scouts who have attended camp at any time this season.

Among the most delightful events of the past week reported at camp was a hike to Nigger, Ben mountain Wednesday, which required most of the night. The trip was made by all second class and advanced scouts, who described a glorious sunrise upon return to the Applegate camp.

A school of instruction and general information regarding Girl Scout work here will be conducted at the offices over the Medford National bank building Monday, Tuesday and Wednesday at 8 o'clock, it was also announced today.

Fausti-Eismann Wedding Told.

Announcement has been received in Medford of the wedding August 20, of Frederick Eismann of Walla Walla, Wash., to Miss Rose Mary Fausti of Pullman, Wash., in Portland.

Mrs. Eismann has been an instructor in the English department of Washington State college at Pullman and Mr. Eismann is district manager for the Oregonian at Walla Walla. They plan to visit Medford in the near future, to be the guests of Mr. Eismann's mother, Mrs. Vina Eismann, and friends.

Mr. Eismann is well known here, having formerly made his headquarters here with the Oregonian. He attended the University of Oregon, where he was associated with Lambda Chi Alpha fraternity.

Mrs. Wilmot Entertains Thursday.

Honoring her mother, Mrs. F. J. DeVore of Hale, Missouri, who has been her guest for the past several weeks, Mrs. Fred J. Wilmot entertained yesterday afternoon at her home on the Pacific highway, north of Medford. Mrs. DeVore plans to leave next Thursday for the east, via the northern route.

Guests invited for the afternoon were Mesdames Emma J. Driskel, Taylor, Pierce, M. E. Fisher, A. C. Wilson, Lula E. Roe and Gertrude Kirkpatrick.

The hostess was assisted at serving refreshments by Mrs. C. M. Hon.

Mrs. Meyers Hostess To Sams Valley Club

TABLE ROCK—Mrs. Frank Meyers entertained the Sams Valley Ladies' Sewing club with a lawn party at her home Wednesday afternoon. Games and contests were enjoyed, after which refreshments were served. Those attending from Sams Valley were: Mesdames Mike Koger, Ed Morgan, Joe Dusenberry, Glen Koger, Johnny Edington, John Holts, R. Seegmiller, Don Seegmiller, Jay Frink, Paul Sholtz, Dan Gerber, Arletta Bigham and Miss Mary Edington.

Sinnotts Leave For home, Seattle

Mr. and Mrs. John Sinnott and daughters Elizabeth and Joan of Seattle, who were guests during the past week of Misses Anna and Katie Kellehor, left yesterday noon for their home, reporting a very pleasant stay in southern Oregon.

Mrs. Sinnott is a sister of the Misses Kellehor.

Guests of Livingstons Leave for Bay City

Major and Mrs. C. V. Simpson of San Francisco, guests for the past two days of Miss Ann Livingston and A. R. Livingston at their country home near Jacksonville, left this morning for the south.

Miss Gore Participates in Local Musical Events

Miss Beulah Gore, who plays a prominent part in the musical life of the University of Oregon, is also adding interest to events in Medford while vacationing here. She entertained with four programs last week, featuring piano numbers, and her violin is frequently heard at musical evenings and civic club luncheons.

Miss Gore will return to the northern campus about September 17.

Guests to Greet Mrs. McCredie at Tea

Mrs. Wm. McCredie and daughter, Miss Velma McCredie, are entertaining at tea this afternoon for the pleasure of Mrs. Cleil McCredie of San Francisco, who has been a guest at the McCredie ranch home for the past week.

Twenty-five guests have been invited to call during the afternoon. Attorney and Mrs. McCredie will leave for their home in the bay city tomorrow.

Powells Motor to Eugene

Mr. and Mrs. Bruce Powell and daughter, Patty Lou, of the West Side district left this morning by motor for Eugene, where they plan to spend the week vacationing with relatives and friends.

Mrs. Morris Invites Club to Her Home

Mrs. T. B. Morris will entertain the Evening Bridge club at her home on West Eleventh street this evening.

Steigers Expected From Portland Today

Mr. and Mrs. J. J. Steiger are expected home today from a week's stay in Portland. They will be accompanied by Miss Crotty.

OUIMET SUFFERS NEAR PNEUMONIA

BOSTON, Aug. 26.—(AP))—Francis Ouimet, national amateur golf champion, today lay ill at his home, threatened with pneumonia.

A cold, contracted Tuesday at the Winchester Country club while playing the opening round of his 36-hole match against Gene Sarazen, developed into a more serious illness and the champion was under the care of two nurses and his personal physician.

There seemed little likelihood of his playing in the Walker cup matches next week, unless his condition improves considerably within the next few days.

Judge Leweling Gets Nomination

SALEM, Ore., Aug. 26.—(AP)—A non-partisan assembly of Marion county voters late yesterday nominated Judge L. G. Leweling of Albany for circuit judge of the third judicial district. Judge Leweling is serving now in that office under a temporary appointment by Governor Julius L. Meier to fill the vacancy caused by the death of Judge Gale S. Hill.

KLAMATH FALLS. — New firm of McCandless & Downing, welders, recently organized here and are open for business at 534 Market street.

BAKER.—Plans outlined for construction of new north approach to city.

BARTLETTS PROVE UNPROFITABLE FOR WENATCHEE AREA

WENATCHEE, Wash., Aug. 26. —(Spl.)Pear growers in this district are alarmed over the Bartlett situation and are seriously considering cutting out their trees. Some have already commenced this process, due to the fact that only $7@9 a ton is offered for No. 1 fruit in bulk. Fortunately the Bartlett pear acreage in this district constitutes only about 8 per cent of the district's total orchard area. Pear shipments have been running from 900 to 1300 cars during recent seasons and of these one-fourth have been d'Anjous. The pear tonnage has been less than 10 per cent of the district's fruit output.

During the past 12 years the average price received by growers for Bartlett pears in bulk has been about $55 per ton, the high point being reached in 1927 when $85 was paid for a considerable tonnage. Pears are grown at a low cost where the yield is heavy, so the growers have made large profits.

The d'Anjou situation is much more encouraging this season. Buyers are already offering $35 a ton in bulk. This variety has sold as high as $135 per ton since the World War, with an average of about $75 for 10 years. D'Anjous are not heavy bearing trees as a rule, but horticulturists declare that this district is one of the favored areas for the profitable production of d'Anjous and results seem to bear out this belief.

TOLEDO. — Work started on construction of Butler Slough bridge.

CEREAL RELIEVED HIS CONSTIPATION

Kellogg's ALL-BRAN Brought New Health

Every one who has suffered from constipation should read Mr. P. M. Fisher's letter:

"For many years I suffered from constipation and used, for relief, all kinds of laxatives. After a few days' treatment, I would only find my condition the same as before and at times worse.

"Some time ago I started to use Kellogg's ALL-BRAN regularly, once a day as directed. Since doing this, I have found that I do not need any other medicine to procure the desired result, and it keeps me in a very healthful condition."—Mr. P. M. Fisher, 352 Evergreen Place, Ridgewood, N. J.

Constipation is caused by lack of two things in the diet: "Bulk" to exercise the intestines; Vitamin B to tone the intestinal tract. ALL-BRAN supplies both—and also iron for the blood.

The "bulk" in ALL-BRAN is much like that in lettuce. Inside the body it forms a soft mass, which gently clears out the wastes.

How much safer this is than risking pills and drugs—so often harmful. Just eat two tablespoonfuls daily—in serious cases, with every meal. If your intestinal trouble is not relieved in this way, see your doctor.

Equally tasty as a cereal, or used in cooking. Get the red-and-green package at your grocer's. Made by Kellogg in Battle Creek.

My Beauty Hint

MARIAN MARSH

A yard of maline 18 inches wide and a tiny, soft brush only half an inch long are among the beauty aids on my dressing table.

When one must change gowns several times a day, either for social affairs or for pictures, keeping one's hair smooth and unruffled is a problem.

I tie the maline tightly about my head while changing my dress. Then I remove the cloth and my hair is still well-dressed.

The brush? That's for the eyebrows. They, too, must be perfectly smooth. If they are not, one may appear unkempt.

NEWBERG.—Parker Hardware store and Smith's Harness shop, located in W. E. White building at First and College streets.

SALEM. — State highway commission leased approximately 200 acres of land in vicinity of Elk Creek tunnel on Umpqua highway as state park.

BYRNE MUST BEHAVE IN BATTLE HERE SAYS REFEREE LES WEISS

Jimmy Byrne, the Hard Rock from Marshfield, who tackles one of the best heavyweights on the coast, Bearcat Baker, the Seattle knockout artist, in Medford next Thursday, will not be permitted to pull any "funny business."

Les Weiss, who will be third man in the ring, says he will see Baker gets a square deal in the refereeing.

Weiss said yesterday that he has heard about Byrne's tactics in the ring.

Byrne is a very capable fighter, but possesses an uncontrollable temper. In one of his recent fights he went so far as to bite his opponent during the heat of the battle.

In a recent Marshfield bout he became angry at the referee and while pretending to miss his opponent, hit Referee Roy Cedarstrom on the chin, flattening him, and the arbiter was under the influence of the punch for several hours.

The Marshfield boxing commission considered barring Byrne from future fights there, but Byrne insisted it was an accidental punch and it was hard to prove otherwise.

THE DALLES—Plans under consideration toward erection of proposed bridge across Columbia river at this place.

OSWEGO.—A. J. Penny purchased interest of Harry Kerron in Oswego Riding Academy.

FOREST GROVE.—Installation of master clock and underground storage tank for lubricating oil at light plant authorized by city.

AUSTIN.—Work underway on construction of new road from here to Sumpter to connect with Sumpter-Baker highway.

Wherever you go, you find this absolutely pure barley malt

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MAYONNAISE Nalleys First Quality — Pint Jar 23c, Quart Jars 43c

PANCAKE FLOUR Safeway Quality. Breakfast Satisfaction Every Morning — 9 lb. bag 39c

PEANUT BUTTER Hoodys Fancy Quality—Ground — 2 lbs. 17c

FANCY SHRIMP The Summer Salad Fish — 2 cans 19c

CIDER VINEGAR Pure Cider—Hi-Test. Bring your container. In bulk — Gallon 21c

FANCY WALNUTS Large size Budded, Soft, Easy to Crack Shells — Lb. 24c

Mustard Best Foods Horseradish Mustard — 8 oz. jar 9c

Soap Crystal White—Billions of bubbles — 9 bars 25c

Salt Max-i-muM Plain or Iodized — 2 lb. carton. 2 for 17c

Flavo Jell All Fruit Flavors—Here is the Best at Less Money — Package 5c

Tea English Breakfast. Best for Iced Tea — ½ lb. pkg. 19c

Tuna Blue Jacket. Fancy Light Meat — ½ size can 15c

Snow Flakes Quality Fresh Crackers at a new low price. Check this value. — 2 lb. box 17c

FLOUR Safeway Fancy No. 10 bag 30c; Hardwheat Flour— 24½ More Loaves of Better lb. bag 59c; Bread to the Bag 49 lb. bag $1.09

COFFEE EDWARDS DEPENDABLE Correct L V ground for drip method. Vacuum packed — 2 lb. can 55c; AIRWAY Brazilian Santos Coffee. Lb. 23c. — 3 lbs. 65c

Cereals Pep, Post Bran Flakes or Grape-Nut Flakes — 2 pkgs. 15c

Brooms Oregon Made, 4 sew. Big Value — Each 33c

YOUR CHOICE CARNATION WHEAT FLAKES, CARNATION OATS, CARNATION PANCAKE FLOUR, ALBERS, FLAPJACK. — LARGE PKG. 17c

Sunbright The Double Action Cleanser — 4 cans 15c

Harmony A Pure Floating Soap for Bath or Laundry. Note Economy — 5 bars 19c

Formay The Perfect New Shortening, a Premium Product — 3 lb. can 49c

Camay Toilet Soap For Beauty's Sake — 3 bars 14c

SALAD OIL H. S. Brand Pure Southern Vegetable Oil. Bring container — Quart 17c, Gallon 65c

FIG BARS Freshly made White or Whole Wheat, for the lunch — 3 lbs. 25c

DEVILED MEAT Libbys, all Meat. Economical for Sandwiches — 4 cans 15c

MAX-I-MUM SYRUP Pure Cane and Maple. So good on pancakes and waffles — Quart jug 33c

FRUITS and VEGETABLES

CANTALOUPES Large Locals — 2 for 5c

SWEET POTATOES Even Size. Just Right for Baking — 4 pounds 13c

POTATOES Good Cookers — 12 pounds 17c

Listen in on KMED Every Friday Morning at 10:30

SAFEWAY QUALITY MEAT AT A SAVING — Market Location, Holly and Main

BEEF STEAK Fancy Baby Beef — lb. 17½c

BEEF ROASTS Swift's Fancy Steer Beef lb. 10c | LEGS LAMB, 1932 ..... lb. 14½c

BACON Swift's Sugar Cured — Lb. 14½c | SHORTENING 100% Pure Vegetable — 4 lb. 33c | HAMS Sugar Cured, ½ or whole — lb. 15½c

STEW Lamb or Veal lb. 6c | SLICED BACON Swift's Lean Breakfast Bacon lb. 25c

VEAL STEAK Choice Veal lb. 12½ | SALMON Fresh Ocean Each 39c

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GOSSARD GARMENTS

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WHITE STAR TUNA

INEXPENSIVE
Yet most satisfying. By itself or in dozens of delicious dishes. Try this White Star Tuna recipe today.

TUNA A LA KING
2 tablespoonfuls butter
2 tablespoonfuls flour
½ teaspoonful salt
1¼ cupfuls milk
4 tablespoonfuls cream
1 egg yolk, beaten
6 tablespoonfuls sliced mushrooms (sauted in)
1 tablespoonful butter
2 tablespoonfuls pimientos, chopped
1-13 oz. can White Star Brand Tuna

Melt butter. Add salt and flour. Mix well and add slowly the milk, cream and well-beaten egg yolk. Beat with rotary beater several minutes. Add pimientos, sauted mushrooms and tuna fish and heat thoroughly in top of double boiler. Serve in toast cases garnished with parsley and a dash of paprika.

WHITE STAR BRAND CALIFORNIA CHICKEN OF THE SEA FANCY TUNA FISH

CHICKEN OF THE SEA

FREE! Ask your grocer for "17 Proven Recipes for White Star Tuna." Or write Van Camp Sea Food Co., Inc., Terminal Island, California.