

Living Cell Life To Be Studied by College Botanist

Corvallis - Life inside the living cell - growth, division, differentiation, senescence, and death - will be studied by an Oregon State college botanist during the coming three years with a new and promising technique for cell research.

The new basic research project at OSC will be supported by a \$15,700 grant from the division of biological and medical sciences of the National Science Foundation.

Dr. Leo E. Jones, associate professor of botany, is one of four scientists who developed a "microculture - chamber" method for the study of living cells of crop plants. With it, cells of various plants are grown in tiny, sealed, glass chambers. As the cells develop under controlled conditions, scientists can observe and photograph their growth and changes through the microscope.

Other Scientists
Jones and three other scientists developed the microculture method for cell study last year at the University of Wisconsin. Jones was there on sabbatical leave from OSC. A report of the new cell research technique was published in the June issue of American Journal of Botany.

The chamber provides opportunity for continuous study of the cells in a controlled environment, Jones explained. The environment may be chemically or physically altered to study the effects upon cells and their subsequent development.

New insight may be gained, for example, into what triggers the specialized functions of cells and whether this can be controlled by man. One big advantage that the new technique has over using fresh sections of cells cut from a plant is that the latter are in a "state of shock" caused by the recent surgery, and, hence the cells do not grow and react as they do in the microcultures.

Bakers Sign New Two-Year Contract

A two-year contract with the Bakers Operators association of Medford and vicinity was signed here recently by the Bakers local 404, according to W. I. Thompson, business agent.

The contract provided for a 38 cent-per-hour wage increase on all classifications, and a \$2-a-month increase in health and welfare.

In addition seniority rights were shifted from departmental to shop-wise, Thompson added.

The contract, which also covers the Roseburg and Klamath Falls areas, contains a clause offering six months leave of absence for illness or accident. This agreement covers about 85 members, considered the "large shop," according to the spokesman.

The contract will extend until July 17, 1962.

Four Bicycles Said Stolen in Medford

Four bicycles were reported stolen Tuesday afternoon, according to city police.

About 3:10 p.m., Sidney Robert Anderson, 1086 Spring st., notified police that his son's bicycle had been taken from Hawthorne park. About 3:40 p.m., Denise Jarm's Thompson, 1210 Smith st., reported the theft of her bicycle, also from Hawthorne park.

Christine Lenette Hayes, 906 Grant st., told police that her bicycle was discovered missing about 3:45 p.m. Tuesday also from Hawthorne park.

Taken from Jackson pool was a bicycle owned by William Eugene Bennett, 315 Haven st. The bicycle was found about 6 p.m. near the railroad tracks about 400 feet north of Clark st., police reported.

Fifth Person Charged in Riot

Portland - (UPI) - The fifth person indicted on charges of inciting a riot was arrested here Wednesday and promptly was released on \$350 bail.

Eugene L. Rosling was indicted Tuesday by the Multnomah county grand jury in connection with a disturbance at an east Portland drive-in restaurant Monday night.

The five are charged with a felony and will be formally arraigned either Thursday or Monday in Circuit Court.

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