GEORGIA INSTITUTE OF TECHNOLOGY

OFFICE OF RESEARCH ADMINISTRATION

RESEARCH PROJECT INITIATION

Date: 17 April 1973

Project Title: "The Development of a Polygenic Method for Detecting Radiation

Induced Mutational Events in Drosophila Melanogaster"

Project No: G-32-606

Principal Investigator Dr. Frank Saitta

Sponsor: Public Health Service

Agreement Period: From April 1, 1973 Until May 31, 1973

Type Agreement: Internal Grant

Amount: \$4,305

Reports Required: Summary Report to be submitted to Biomedical Sciences Support

Grant Committee by August 1, 1973.

Sponsor Contact Person (s):

Dr. J. W. Crenshaw, Jr. Chairman, Biomedical Sciences Support Grant Committee School of Biology Campus

Assigned to: School of Biology

COPIES TO:

Principal Investigator Library

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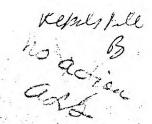
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Security-Reports-Property Office
Patent Coordinator Other

RA-3 (6-71)

GEORGIA INSTITUTE OF TECHNOLOGY

OFFICE OF RESEARCH ADMINISTRATION



RESEARCH PROJECT TERMINATION

| | Date: December 7, 1973 |
|---|------------------------------------|
| Project Title: "The Development of a Polygenic Metho | od for Detecting Radiation Induced |
| Project No: Mutational Events in Prosophila Mal | |
| G-32-606 Principal Investigator: Dr. Frank Saitta | |
| Sponsor: Public Health Service | |
| Effective Termination Date: May 31, 1973 | |
| Clearance of Accounting Charges: all charges are cla | |
| Internal grant supported by funds from G-32-604 | |

COPIES TO:

Principal Investigator School Director Dean of the College

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Terminated Project File No.

G-32-604

SUMMARY REPORT

"The Development of a Polygenic Method for Detecting Radiation Induced Mutational Events in <u>Drosophila Melanogaster</u>" Project Title:

Project No.: G-32-606

Principal Investigator: Dr. Frank Saitta

Agreement Period: From April 1, 1973 until May 31, 1973

Amount: \$4,305

Submitted by:

Frank Saitta Assistant Professor, Biology Within the two month period, the experiment progressed only to the point of building up the necessary number of marked flies (Curly/Plum; Stubble/UBX - Step A of the experimental plan). These would have been used in extracting chromosomes from flies collected in the Atlanta area.

Support for student assistance necessary to complete the project through the summer months was not available and the experiments had to be terminated.

EXPENDITURE OF FUNDS

| Equipment | | Cost |
|--------------------------------|-------|------------------|
| Air Cooled Automatic Ice Maker | | \$ 608.00 |
| Incubator | | \$1411.78 |
| Microscope | | \$ 943.17 |
| Photomicrographic Camera | | \$ 478.29 |
| pH Meter* | | \$ <u>208.60</u> |
| | TOTAL | \$3649.84 |
| | | |
| Supplies* | | Cost |
| Laminaria | | \$39.33 |
| Trizma Base | | \$ <u>45.00</u> |
| | TOTAL | \$84.33 |
| | | |
| Student Assistants* | | Cost |
| April Payroll | | \$ 98.45 |
| May Payroll | | \$ <u>388.00</u> |
| | TOTAL | \$486.45 |

*The original budget did not account for a discount on major items purchased from Fisher. Thus, available funds were used to purchase supplies (\$84.33) and support additional student hours (\$88.95).

SUMMARY TOTALS

Equipment: \$3649.84

Supplies: 84.33

Student Assistants: 486.45

TOTAL \$420.62

Amount Allocated: \$4,305

Balance: \$4,305

^{**}Used by the School of Biology