

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

School Director

Dean of the College

Director, Research Administration

Director, Financial Affairs (2)

Security-Reports-Property Office

Patent Coordinator

Library

Rich Electronic Computer Center

Photographic Laboratory

Project File

File G-32-604

Other _____

GEORGIA INSTITUTE OF TECHNOLOGY

OFFICE OF RESEARCH ADMINISTRATION

Repts. file
B
no action
add

RESEARCH PROJECT TERMINATION

Date: ~~December 7, 1973~~

Project Title: **"The Development of a Polygenic Method for Detecting Radiation Induced
Project No: **Mutational Events in Drosophila Melanogaster"****

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 clear

Internal grant supported by funds from G-32-604

COPIES TO:

Principal Investigator
School Director
Dean of the College
Director of Research Administration
Associate Controller (2)
Security-Reports-Property Office
Patent and Inventions Coordinator

Library, Technical Reports Section
Rich Electronic Computer Center
Photographic Laboratory
Terminated Project File No. _____

Other Dr. J. W. Greshaw

G-32-604

SUMMARY REPORT

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

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

<u>Equipment</u>	<u>Cost</u>
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

<u>Supplies*</u>	<u>Cost</u>
Laminaria	\$39.33
Trizma Base	<u>\$45.00</u>
TOTAL	\$84.33

<u>Student Assistants*</u>	<u>Cost</u>
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:	<u>486.45</u>
TOTAL	\$4220.62
Amount Allocated:	\$4,305
Balance:	\$84.38**

**Used by the School of Biology