

TECHNICAL REPORT FOR PROJECT

"ISOLATION OF PROTEINS INVOLVED IN CELL GROWTH REGULATION"

SPONSORED BY

EMORY UNIVERSITY
OFFICE OF SPONSORED PROGRAMS
ATLANTA, GA 30322

PROJECT NUMBER G-32-615
9/1/90 to 3/1/91

by

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SUMMARY REPORT:

The work sponsored by this project was carried out by Mr. Heng Hsu, a graduate student in the Biology program at Georgia Tech. The aim of the project was to investigate the production of Tumor Growth Factor-beta, (TGF-b), in the Hodgkin's disease-derived cell lines HDLM, KMH2, and HD73. Experiments using the Northern Blot technique for RNA indicated that Hodgkin's cells express TGF-b and interleukine 4 (IL-4) during growth. Consistent with in-situ hybridization results, blot analysis demonstrated the expression of TGF-b mRNA in the three cell lines examined. Based on the size of the RNA, the TGF-b expressed in Hodgkin's cell lines appears to be larger than TGF-b indicated from a Western Blot. The point at which the genetic information coding for TGF-b is shortened is not known.

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 09/06/91

Project No. G-32-615_____

Center No. 10/24-6-R7110-0A0_

Project Director WARTELL R M_____

School/Lab BIOLOGY_____

Sponsor EMORY UNIVERSITY/ATLANTA, GA_____

Contract/Grant No. AGMT DTD 1/9/91_____ Contract Entity GTRC

Prime Contract No. CA50739-01A1_____

Title ISOLATION OF PROTEINS INVOLVED IN CELL GROWTH REGULATION⁰_____

Effective Completion Date 910331 (Performance) 910515 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	Y	_____
Final Report of Inventions and/or Subcontracts	N	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____

Comments_____

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N