UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 10-Q

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VICAL INCORPORATED
FORM 10-Q
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PART I. FINANCIAL INFORMATION

ITEM 1. Financial Statements

Balance Sheets as of September 30, 1996, and December 31, 1995 .3

Statements of Operations for the three months ended September 30, 1996 and 1995, and for the nine months ended September 30, 1996 and 1995. . 4


Stockholders' Equity:

Common stock, $\$ .01$ par value--40,000,000 shares authorized--
$15,386,003$ and $15,364,265$ shares issued and outstanding
at September 30, 1996, and December 31, 1995, respectively Additional paid-in capital
Deferred compensation
Unrealized gain (loss) on marketable securities
Accumulated deficit

Total stockholders' equity
Total Liabilities and Stockholders' Equity

## </TABLE>

See accompanying notes.

| 153,860 | 153,643 |
| :---: | :---: |
| 72,860,658 | 72,728,484 |
| $(14,232)$ | $(158,427)$ |
| $(85,194)$ | 104,176 |
| $(23,309,134)$ | $(19,563,835)$ |
| 49,605,958 | 53,264,041 |
| \$ 53,546,597 | \$ 55,117,504 |

VICAL INCORPORATED STATEMENTS OF OPERATIONS (UNAUDITED)

<TABLE>
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months ended
September 30,
------------------

\section*{1995}
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Revenues:
Contract revenue
\$ 699,546
License/royalty revenue
4,925,831
\(\qquad\)
\(5,625,377\)
Expenses:
Research and development
6,923,013
General and administrative
2,222,019


9,145,032
-------------
Loss from operations
\((3,519,655)\)
Interest income
956,659
Interest expense
57,283
\(\qquad\)
\$ \((2,620,279)\)

Net loss per share (Note 2)
\(\$ \quad(.20)\)
\(===========\)
Shares used in computing net loss per share (Note 2)
12,882,533
</TABLE>
See accompanying notes.
VICAL INCORPORATED STATEMENTS OF CASH FLOWS (UNAUDITED)

Three months ended
September 30,

Nine
$\qquad$
<C>
\$ 764,101
3,852,440
$\qquad$

4,616,541

2,628,286
$2,016,483$
$8,142,125$
2,219,192
$\qquad$
$10,361,317$
$\qquad$
$(5,744,776)$
2,062,706
63,229
-------------
$\$(3,745,299)$
$===========$
\$
(.24)
$==========$

15,379,940
$============$

</TABLE>
See accompanying notes.
VICAL INCORPORATED
NOTES TO FINANCIAL STATEMENTS
September 30, 1996
(unaudited)

1. Organization and Basis of Presentation

Organization
Vical was incorporated in April 1987 and has devoted substantially all of its resources since that time to its research and development programs. The Company is currently focusing its resources on the development of its direct gene transfer and related technologies.

Basis of Presentation

The information contained herein has been prepared in accordance with instructions for Form 10- Q. The information at September 30, 1996, and for the three month and nine month periods ended September 30, 1996 and 1995, is unaudited. In the opinion of management, the information reflects all adjustments necessary to make the results of operations for the interim periods a fair statement of such operations. All such adjustments are of a normal recurring nature. Interim results are not necessarily indicative of results for a full year. The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures
of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. For a presentation including all disclosures required by generally accepted accounting principles, these financial statements should be read in conjunction with the audited financial statements for the year ended December 31, 1995, included in the Vical Incorporated Form 10-K filed with the Securities and Exchange Commission.

In January 1996, the Company adopted Statement of Financial Accounting Standards ("SFAS") No. 123, "Accounting for Stock-Based Compensation." The Company has elected to adopt the alternative disclosure provisions of SFAS 123 and therefore will not be recording stock based compensation using fair value accounting as defined under SFAS 123.

## Patent Costs

The Company capitalizes certain costs related to patent applications. Accumulated costs are amortized over the estimated economic lives of the patents using the straight-line method, commencing at the time the patents are issued. Costs related to patent applications are written off to expense at the time such costs are deemed to have no continuing value. The Company continually evaluates its patent costs, and expenses accumulated costs if, and when, the basis of the patent exceeds the amount expected to be realized by future applicable product revenue.
Net Loss Per Share
Net loss per share for the three and nine month periods ended September 30,1996 and 1995 is computed using the weighted average number of common shares outstanding during the period. Common share equivalents represent shares issuable upon assumed exercise of stock options, using the treasury stock method, which would have a dilutive effect in periods where there are earnings. Common share equivalents are not considered in the calculation of net loss per share, as their effect would be anti-dilutive.
3. Notes Payable

In June 1996, the Company obtained a loan and security agreement with a bank for the borrowing of up to $\$ 2,500,000$. Borrowings currently bear interest at the bank's prime rate (8.25\% at September 30, 1996) plus . $5 \%$, or the Company may alternatively choose to have its borrowings bear interest at the LIBOR rate plus $3.25 \%$. Borrowings under the line of credit are secured by substantially all assets of the Company, and the Company is required to comply with certain financial covenants. In April 1997, any outstanding borrowings convert to a term loan with amortization over a three year period. The term loan will bear interest at the same rate options. At September 30, 1996, borrowings under the line of credit totaled $\$ 641,000$.
ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS

OVERVIEW
Vical was incorporated in April 1987 and has devoted substantially all of its resources since that time to its research and development programs. The Company is focusing its resources on the development of its direct gene transfer and related technologies. To date, the Company has not received revenues from the sale of products. The Company expects to incur substantial operating losses for at least the next several years, due primarily to expansion of its research and development programs and the cost of preclinical studies and clinical trials. As of September 30, 1996, the Company's accumulated deficit was approximately $\$ 23.3$ million.

In September 1995, the Company commenced Phase II clinical trials of Allovectin-7, a gene-based product candidate intended for direct injection into tumor lesions of cancer patients, at ten teaching oncology centers in five tumor types: melanoma, colorectal carcinoma, renal cell carcinoma, breast carcinoma and non-Hodgkin's lymphoma. If appropriate rates and durations of clinical response are observed in these Phase II clinical trials, the data could potentially lead to the design and initiation of pivotal Phase II/III clinical trials to support product license approval submissions for certain indications. Allovectin-7 is being evaluated in combination with low-dose IL-2 in a Phase I/II clinical trial in renal cell carcinoma patients. Also, several investigator initiated trials are ongoing using Allovectin-7 supplied by the Company.

In April 1995, the Company initiated Phase I/II clinical testing of its second gene therapy product candidate, Leuvectin, at two clinical centers. Leuvectin is a gene-based product candidate intended for direct injection into tumor lesions of cancer patients. Twenty-four patients with advanced solid malignancies or lymphoma were enrolled in a Phase I/II clinical trial which evaluated the safety and biological activity of the experimental gene therapy. This trial concluded in the second quarter of 1996, and results were presented in May 1996. Since no toxicity or other adverse events were observed, a follow-on trial was designed
to evaluate safety and biological activity at higher dose levels. This follow-on trial began in October 1996.

There can be no assurance that the company's product candidates will prove to be safe and effective in clinical trials or that any commercially successful products will ultimately be developed by the Company.

This Form 10-Q contains in addition to historical information, forward-looking statements. Such statements are subject to certain risks and uncertainties, including whether the Company's product candidates will be shown to be safe or efficacious in clinical trials, whether the Company's corporate collaborations are successful, and whether the Company's product candidates will ultimately be successfully developed or receive necessary regulatory approvals, which could cause actual results to differ materially from those projected. These forward-looking statements speak only as of the date hereof. The Company undertakes no obligation to update these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

## RESULTS OF OPERATIONS

Vical expects to incur substantial operating losses over the next several years due to anticipated significant increases in research and development expenses. The increases are expected to result from expanding preclinical and clinical trials for the Company's proposed products, increased patent and regulatory costs and associated increases in personnel. Losses may fluctuate from quarter to quarter as a result of differences in the timing of expenses incurred and the revenues received from collaborative agreements. Such fluctuations may be significant.
For the quarter ended September 30, 1996, the Company had revenues of $\$ 541,000$ including ongoing amortization of license, contract, and royalty revenue. The Company had revenues of $\$ 1,161,000$ for the quarter ended September 30, 1995, including $\$ 750,000$ of license revenue from Pasteur Merieux Serums \& Vaccins ("Pasteur Merieux"). Other license, contract, and royalty revenues totaled $\$ 411,000$. Revenues in the first nine months of 1996 totaled $\$ 4,617,000$ and consisted of $\$ 1,000,000$ from Merck \& Co., Inc. ("Merck"), \$2,568,000 from Pasteur Merieux, and other license, royalty, and contract revenue totaling $\$ 1,049,000$. For the first nine months of 1995 revenues totaled $\$ 5,625,000$, and consisted of contract revenue in the amount of $\$ 700,000$, license revenue in the amount of $\$ 4,687,000$ and royalty revenue of $\$ 238,000$. Included in license revenue was $\$ 3,312,000$ from Merck due to an exercise of options to license Vical technology. Future payments from Merck, if any, will be milestone and royalty payments, due upon Merck's development and commercialization of products under the agreement. There can be no assurance that such development and commercialization will occur.

The Company's total operating expenses for the quarter ended September 30, 1996, were $\$ 3,378,000$ compared to $\$ 2,526,000$ for the third quarter of 1995 . Operating expenses for the nine months ended September 30, 1996, were $\$ 10,361,000$ as compared to $\$ 9,145,000$ for the same period in 1995.

Research and development expenses were $\$ 2,628,000$ for the three months ended September 30, 1996, as compared to $\$ 2,016,000$ for the same period in 1995 . For the nine months ended September 30, 1996, research and development expenses increased to $\$ 8,142,000$ from $\$ 6,923,000$ for the same period in 1995 . These increases in research and development expenses resulted primarily from option fees paid in the second quarter of 1996 and ongoing clinical trials and related internal staffing increases. Additionally, costs of staffing and funding of research being conducted at universities working in collaboration with Vical contributed to the increase in research and development expenses.

General and administrative expenses increased to $\$ 750,000$ for the three months ended September 30, 1996, from $\$ 509,000$ for the same period in 1995 primarily due to increased support for research and development efforts. Costs decreased to $\$ 2,219,000$ for the nine months ended September 30,1996 , from $\$ 2,222,000$ in 1995.

Interest income increased to approximately $\$ 684,000$ for the third quarter of 1996 from approximately $\$ 325,000$ for the quarter ended September 30, 1995, and to $\$ 2,063,000$ for the nine months ended September 30,1996 from $\$ 957,000$ for the nine months ended September 30 , 1995. These changes were primarily the result of higher cash and investment balances and average rates of return.

Net loss per share for the three months ended September 30, 1996, was $\$ .14$ per share as compared to a net loss per share of $\$ .08$ for the third quarter of 1995. Net loss for the nine months ended September 30 , 1996 , was $\$ .24$ per share as compared to a net loss per share of $\$ .20$ for the same period in 1995.
LIQUIDITY AND CAPITAL RESOURCES
Since its inception, Vical has financed its operations primarily through private placements of preferred stock, three public offerings of common stock, and revenues from collaborative agreements. As of September 30, 1996, the Company had working capital of approximately $\$ 47.3$ million compared to $\$ 51.5$ million at December 31, 1995. Cash and marketable securities totaled approximately $\$ 48.7$ million at September 30, 1996, compared to $\$ 52.5$ million at December 31, 1995.

In June 1996, the Company obtained a loan and security agreement with a bank for the borrowing of up to $\$ 2,500,000$. Borrowings currently bear interest at the bank's prime rate ( $8.25 \%$ at September 30 , 1996) plus $.5 \%$, and the Company may alternatively choose to have its borrowings bear interest at the LIBOR rate plus $3.25 \%$. Borrowings under the line of credit are secured by substantially all assets of the Company. In April 1997, any outstanding borrowings convert to a term loan amortized over three years. The term loan bears interest at the same rate options. In addition, the Company is required to comply with certain restrictive covenants. At September 30, 1996, borrowings under the line of credit totaled $\$ 641,000$.

In October 1996, the Company received $\$ 1,000,000$ from Genzyme Corporation ("Genzyme") for the exercise of an option granting Genzyme exclusive worldwide rights to use Company technology for the treatment of cystic fibrosis.

The Company expects to incur substantial additional research and development expense including continued increases in personnel costs and costs related to preclinical testing and clinical trials. The Company's future capital requirements will depend on many factors, including continued scientific progress in its research and development programs, the scope and results of preclinical testing and clinical trials, the time and costs involved in obtaining regulatory approvals, the costs involved in filing, prosecuting and enforcing patent claims, competing technological and market developments, the cost of manufacturing and scale-up, and commercialization activities and arrangements. The Company intends to seek additional funding through research and development relationships with suitable potential corporate collaborators or through public or private financing. There can be no assurance that additional funding will be available on favorable terms, if at all.

If additional funding is not available, Vical anticipates that its available cash and existing sources of funding will be adequate to satisfy its operating needs through 1998.
ITEM 6. EXHIBITS AND REPORTS ON FORM 8-K

1. Exhibits

Exhibit 27 Financial Data Schedule
2. Reports on Form 8-K

None
VICAL INCORPORATED

SIGNATURE

Pursuant to the requirements of the Securities and Exchange Act of 1934, the registrant has duly caused this report to be signed in its behalf by the undersigned thereunto duly authorized.

Vical Incorporated

Date: November 13, 1996
By: s/Martha J. Demski
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Martha J. Demski
Vice President and
Chief Financial Officer
(on behalf of the registrant and as the registrant's Principal
Financial and Accounting
Officer)
EXHIBIT LIST

Exhibit 27
Financial Data Schedule
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