

CytoDyn Inc.

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CytoDyn presses forward with HIV treatment after Phase 3

- CytoDyn's main product candidate is leronlimab, an injectable antibody that shows promise as an anti-viral agent with fewer side effects, lower toxicity and less frequent doses than daily therapies now in use for the treatment of HIV
- Since Nader Pourhassan became CEO at the end of 2012, CytoDyn's work on leronlimab as a therapy for HIV has proceeded from Phase 2 to the conclusion of a Phase 3 trial
- Preclinical studies conducted by Richard Pestell, CytoDyn's chief medical officer, show that CCR5 inhibitors blocked prostate cancer metastasis to the bones and brains of mice with competent immune systems and blocked the spread of breast cancer to the lungs, according to the company
- In March, CytoDyn said the FDA reviewed and accepted the company's plan to submit on a rolling basis its planned biologics license application for leronlimab

What does CytoDyn do?

CytoDyn is working to develop a significant advance in HIV treatment beyond the "AIDS cocktail" combination of pills that has kept millions of people alive since the mid-1990s.

At the helm of the company is Nader Pourhassan, who immigrated to the US from Iran as a teenager in 1977, two years before revolutionaries deposed the Shah. He holds a Ph.D. in mechanical engineering from the University of Utah. For 20 years, he managed his family business as well as authoring three books.

The company's main product candidate is leronlimab, an injectable antibody that shows promise as an antiviral agent with fewer side effects, lower toxicity and less frequent doses than daily therapies now in use for the treatment of HIV. The target of leronlimab is CCR5, a cell receptor that is the entry point for most strains of the human immunodeficiency virus (HIV), which causes acquired immune deficiency syndrome (AIDS). The company agreed in 2012 to acquire leronlimab from its developer, Progenics Pharmaceuticals Inc (NASDAQ:PGNX).

Vancouver, Washington-based CytoDyn is exploring leronlimab's use in the treatment of cancer, inflammatory conditions and autoimmune diseases.

How is it doing:

Since Pourhassan became CEO at the end of 2012, CytoDyn's work on leronlimab as a therapy for HIV has proceeded from Phase 2 to the conclusion of a Phase 3 trial that could lead to commercial use.

In November, the company completed its \$15.4 million stock acquisition of privately held ProstaGene LLC, whose CEO, Richard Pestell, an oncologist, became CytoDyn's chief medical officer and vice chairman. Pestell has published 500 published papers in peer-reviewed journals and controls the patents to Merck & Co Inc (NYSE:MRK) and Pfizer Inc

Price: 0.291

Market Cap: \$112.98 m

1 Year Share Price Graph



Share Information

Code: CYDY

Listing: OTCQB

52 week High Low
0.6 0.0552

Sector: Pharma & Biotech

Website: www.cytodyn.com

Company Synopsis:

CytoDyn is a biotechnology company focused on the clinical development and potential commercialization of humanized monoclonal antibodies for the treatment and prevention of Human Immunodeficiency Virus (HIV) infection. The Company has one of the leading monoclonal antibodies under development for HIV infection, PRO 140, which has finished Phase 2 clinical trials with demonstrated antiviral activity in man.

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(NYSE:PFE) HIV drugs for use in cancer treatment.

Preclinical studies conducted by Pestell, according to CytoDyn, show that CCR5 inhibitors blocked prostate cancer metastasis to the bones and brains of mice with competent immune systems and halted the spread of breast cancer to the lungs.

Until CytoDyn can generate significant revenue, the company is financing its cash needs primarily through public or private equity offerings, debt financings and strategic alliances. All told, the company has raised \$200 million, according to Pourhassan.

In March, CytoDyn said the FDA reviewed and accepted the company's request and plan to submit on a rolling basis its planned biologics license application (BLA) for Ieronlimab.

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