

Divya Nag

By Nick Radcliffe, Zach Muzzarelli, and Robert Schinske

Problems in World

Heart disease costs hundreds of billions of dollars and causes 600,000 people to die a year.

It is fairly easy to treat but since money is always a factor nearly 90 % of the world can't afford the medicine and treatments.

The reason medicine costs so much is because it takes \$1.8 billion to bring a successful compound to market.

Problems with Current Testing of Drugs

The current way to test drugs are to use them on rats. Rats cost billions of dollars to test on and a lot of the tests that work on rats don't work on humans.

In the past 15 years 20 drugs have been recalled.

Many of drugs have actually caused heart problems.

Early (College) Life

As a freshman at Stanford, Divya Nag researched projects on Stem cell therapies.

She started with regenerative medicine. Regenerative medicine is the idea that you can regenerate vital organs.

We found it quite interesting that she dropped out at the age of 20 to start Stem cell theranostics which is a drug screening company that uses disease - specific beating heart cells that come from human skin. This is the first “clinical trial in a dish”.

Pictures



StartX Med

Divya Nag founded StartX Med with her associates.

Her idea is to take skin put it in a petri dish and convert it to stem cells and into beating heart cells.

All of the 20 drugs that have been recalled she said she could fix.

Benefits of StartX Med

Instead of a heart transplant she can inject heart beating cells to repair heart. So far this is a realistic plan but can't be put into use until we have the right technology to do so.

She will reduce time and money in half so people all around the world can afford the products.

StartX Med has supported 33 health companies combining for 113 million dollars from fundraising.

Apple Career

She is leading Apple's "healthcare initiatives".

Nag is going to help launch Iwatch and health book software which keeps track of blood sugar levels, pulse, sleep patterns, and blood pressure.

We would like to know more about what her next steps in apple would be besides the Iwatch.



Accomplishments

She has been invited as a speaker at medical events such as WIRED magazines Healthcare conference.

Also Divya has participated in entrepreneurial events that even includes speaking with Obama on women in Entrepreneurship.

Selected as 2013 Forbes 30 under 30 winner in Science and Health care.

We would like to know more about her future research and accomplishments!

Bibliographies

www.divyanag.com

www.9to5mag.com

www.m.bizjournal.com

www.Linkedin.com