

INTRODUCING **BIOLIFE4D**

Build a Heart. Save a Life.



**Heart disease
is the #1 killer
in the U.S., causing
one in every three
deaths for women and
one in four for men.**

BIOLIFE4D seeks to make human organ transplant viable, safe and accessible – **saving lives and giving mankind the gift of time.**

The BIOLIFE4D Story

After extensive research into the evolving 3D bioprinting and regenerative medicine fields, medical manufacturing industry veteran Steven Morris recognized both the financial and human potential of an emerging market. Morris' research and more than 15 years of hands-on medical field experience has led to the formation of BIOLIFE4D – a pioneering biotech company laser focused on leveraging advances in life sciences and tissue engineering to 3D bioprint a viable human heart suitable for transplant. Operated by seasoned business leaders, guided by world-class biomedical engineers and life sciences experts, and financed through equity crowdfunding, BIOLIFE4D is driving a movement to transform the treatment of heart disease, the leading cause of death among both men and women worldwide.

Capitalizing on 3D Bioprinting Breakthroughs

3D bioprinting is the process of creating cell patterns in a confined space using 3D printing technologies, thereby preserving cell function and viability within the printed construct. Remarkably, 3D bioprinters are now capable of creating functional biological structures with the potential to restore, maintain, improve, and/or replace existing organ function.

Everything in the human body is made up of cells, and each of these cells began as a stem cell. Through the body's own natural biologic process these stem cells are programmed to be specialized and do a specific job with a specific purpose. BIOLIFE4D plans to replicate the same conditions in vitro (outside of the body) as occur naturally in vivo (within the body) but in an accelerated timeframe and in a manner that allows the cells to be specialized for our desired purpose.

To learn about investment opportunities and to watch a video of the bioprinting in action, visit www.bioline4d.com.





**More than
100,000 people
are in need of a
lifesaving organ
transplant in the
U.S. alone.**

To learn about
investment
opportunities and
to watch a video
of the bioprinting
in action, visit
www.biolife4d.com.

In simple terms, the BIOLIFE4D process starts with a blood sample and an MRI to get a 3D image of a patient's heart. The MRI image will create a digital blueprint for the new heart and the blood cells will be converted to the specialized heart cells which will be utilized during the 3D bioprinting process. As a result, this heart will be both a precise fit and a genetic match for the patient. The new heart is then placed in a bioreactor where it is matured and readied for transplant.

Optimizing Current Technologies to Deliver Transformative Medical Benefits

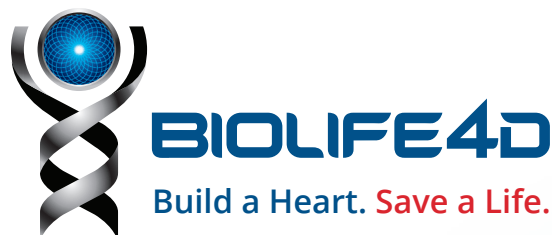
BIOLIFE4D will not have to make an exact copy or even recreate every feature set of the heart or other desired organ; it will only need to facilitate the minimum feature set which recreates the core properties of the organ. And BIOLIFE4D does not believe it needs to invent new technology – rather improve, adopt and optimize current technologies to create what it plans to be a commercially viable, safe and sustainable process.

Delivering potentially transformative medical benefits, the 3D bioprinting process optimized by BIOLIFE4D could:

- Eliminate rejection of transplant by utilizing patient's own cells to produce an organ
- Eradicate immunosuppressant therapy requirement (and bad side effects) for the patient
- Decrease wait time of patients for human organs
- Minimize need for organ donors
- Increase patient longevity without compromising quality of life
- Potentially eliminate the need for pharmaceutical testing on animals
- Allow for patient-specific pharmaceutical testing

An Investment Opportunity for the Masses

BIOLIFE4D plans to bring revolutionary life-saving care to the masses, and the company wants the masses to have an opportunity to be a part of this revolution. Equity crowdfunding can help this happen. As BIOLIFE4D succeeds, so too should its investors. **With a projected market in the billions of dollars, bioprinting could be medicine's next big frontier.**



318 Half Day Road, Suite 201 | Buffalo Grove, IL 60089
www.biolife4d.com | 1-224-602-9569