This is a story about the science of what works best for your immune system, the very basis of health for your body. This is not a story about vitamins, minerals, herbs, or even fruits; this immune system story is different from anything you’ve read before.

This is also a story about brilliant teamwork, scientific testing, and rigorous research. In a word… Synergy. And this synergy—bringing together separate elements for an astounding combined effect—has yielded an entirely new category of immune system support called Transferceutical® Science. It’s the science of products that educate your immune cells, supporting your immune system’s ability to recognize, respond to, and remember potential threats.

Science and Synergy—the story of 4Life® Transferceutical Science and how it can change your life.
Why Should You Care About Your Immune System?

If you’re like most people, you rarely think about your immune system. But luckily, it cares for you every minute of every day.

The immune system is a complex group of organs, cells, and molecules throughout the body that work together with one goal in mind: to protect you against daily threats and keep you healthy and strong. An immune system that effectively deals with the challenges of everyday life helps every system in the body function at its best. A healthy immune system paves the way for a healthy you.

How do you keep your immune system functioning the way it should? Support your health with regular exercise, stress management, the right amount of sleep, a nutritious diet, and quality supplements like 4Life Transfer Factor® products. They actually educate your immune system, allowing it to work smarter.
In the early 1990s, 4Life Founder and CEO David Lisonbee embarked on a journey to better support his own health and the health of his family. He had become frustrated with the results of many natural products. What David soon realized is that immune system support should be the start of every program to promote overall health. This later became the hallmark of 4Life research and development.

During his research, David came across some information about immune system memory molecules called transfer factors. The more he read, the more intrigued he became. Originally discovered by New York University researcher Dr. H. Sherwood Lawrence in 1949, transfer factors are truly remarkable. While vitamins and herbs provide nutrition to the immune system, transfer factor molecules provide information so immune cells can do their jobs faster and more effectively. David realized this powerful paradigm shift had the potential to revolutionize the natural supplement industry and change the lives of people all over the globe. In 1998, David and his wife Bianca licensed the patent to extract transfer factors from cow colostrum, one of their most abundant sources. They brought the first 4Life product to market: 4Life Transfer Factor® Classic.

In the years that followed, 4Life established an unwavering commitment to provide the very best immune system products, backed by the latest scientific research. 4Life’s goal is to help people everywhere discover just how good they can feel when their immune system is performing at its best.
Do You Know Your Immune System Cells?

Natural Killer Cells
Natural Killer (NK) cells are the immune cells on the front lines of defense. When your body is exposed to a threat, an increase in NK cell activity is needed to deal with the problem quickly and effectively. NK cells that work smarter result in an immune system that rises to meet each and every challenge.

IgA Antibodies
Produced by B cells, IgA antibodies aid other immune cells in the elimination of foreign invaders that enter your body from the air you breathe, foods you eat, and hand-to-mouth contact. When you increase the production of IgA, you provide a vital barrier of protection from the outside world.

T Cells
T cells are the go-getters of the immune system, responsible for most of your immune defense. These cells directly attack invading cells, control and balance the overall immune response, and assist other immune cells in their roles.

"Transfer factors are in a class of their own, apart from herbs, vitamins, or minerals. After all my years in the health sciences industry, I firmly believe that these smart messenger molecules are the basis of the most beneficial supplements I have ever encountered. I believe 4Life Transferceutical products have the greatest potential to influence the health of everyone around the globe."

Calvin McCausland, PhD
4Life Chief Scientific Officer
At the foundation of Transferceutical Science are transfer factors and nanofraction molecules, dynamic molecules that deliver education and direction to your immune cells.

**Transfer Factors**
Transfers carry important messages to the body’s immune cells to help them fight smarter and more effectively.

Transfer factors provide intelligence to the immune system in three vitally important ways:

- **Recognize**: Transfer factors help immune cells quickly identify invading germs.
- **Respond**: Transfer factors help the immune system respond more efficiently after an invader has been identified.
- **Remember**: Transfer factors lend a hand in remembering the specific makeup of each germ your immune system encounters, so your body knows exactly what to do next time.

Prompt recognition and response by your immune cells help keep situations in check and your overall health on the top of its game.

**Nanofraction Molecules**
Nanofraction molecules are tiny molecules that help support immune cells’ ability to know:

- when to act
- how to act
- when to rest

Nanofraction molecules support communication between immune cells, leading to appropriate immune cell response and healthy immune system function. They also promote stability and balance, prompting your body’s natural ability to know whether it needs to step up the fight or take a rest. When you have a balanced immune system, you have a healthy immune system.

**Did you know?**

Did you know that nanofraction molecules have always been around? Scientists have known for some time that nanofraction molecules exist within colostrum, but it wasn’t until 2007 that 4Life scientists discovered the great influence these molecules have on immune cells.
In the first critical days of life, for humans and other mammals, a mother passes on vital immune know-how through her first milk called colostrum, which contains transfer factors and nanofraction molecules. This important knowledge provides the necessary lessons to help the newborn grow up healthy and strong in an often hostile world.

While most of the immune building blocks found in colostrum can’t be transferred from an animal to a human, transfer factors and nanofraction molecules can. 4Life Transfer Factor® products contain transfer factors and nanofraction molecules that have been extracted and filtered from cow colostrum and chicken egg yolk. Because their educating power crosses over, humans can benefit from the strong, heroic immune systems of these two animals.
During the past decade of success, 4Life® has pioneered the development of several different extracts of transfer factors and nanofraction molecules, bringing the genius of nature to cutting-edge products.

Transfer Factor XF®: transfer factors extracted from cow colostrum

Transfer Factor E-XF™: synergistic blend of transfer factors from cow colostrum and chicken egg yolk

Targeted Transfer Factor®: formulated to support specific body systems and facilitate a healthy immune response

NanoFactor® extract: patent-pending extract of nanofraction molecules from cow colostrum that enhances immune system communication

4Life Transfer Factor® Tri-Factor® Formula: patented formulation of Transfer Factor E-XF and NanoFactor extract

“I firmly believe that 4Life Transferceutical products hold the secret to optimal immune system function. These products are supported by science and years of user experience. I truly believe that 4Life Transfer Factor products should be in every household.”

Teresa Tomalska, MD
Family Medicine
4Life Health Sciences Advisory Board Member

“Transfer factors and nanofraction molecules, and the immune modulation they provide, could be the key for the future of immune system health.”

Edgar A. Guess Jr., MD, FACOG
Gynecology and Gynecologic Oncology
4Life Health Sciences Advisory Board Member

“Together, Building People”
Timeline of Our Success

Early 1990s
David Lisonbee begins his personal quest for optimal immune system support.

1997
David unearths the cow colostrum transfer factor patent.

1998
David and Bianca Lisonbee harness decades of research to introduce 4Life Transfer Factor® to the world through network marketing.

1999
4Life advances transfer factor technology to produce the first 4Life® Transfer Factor Plus® product formulation.

2002
4Life launches the first Targeted Transfer Factor® product, featuring the exclusive egg-sourced transfer factor patent.

2004
The Russian Academy of Medical Sciences releases a letter encouraging health care professionals in Russia to use 4Life Transfer Factor® products in their protocols.

2006
David Lisonbee wins the Russian I.N. Blokhina award in honor of his commitment to transfer factor research, patents, and innovative production methods.

2007
4Life introduces the sixth and seventh Targeted Transfer Factor products, 4Life® NanoFactor® Glutamine Prime™ and 4Life Transfer Factor® KBU™.

2009
4Life transfers 4Life Transfer Factor® technology to 4Life Brazil® as a franchise.

2010
4Life introduces the exclusive 4Life Transfer Factor® Advanced Formula products, combining transfer factors from cow colostrum and chicken egg yolk. 4Life patented the combination process the following year.

2013
TotalHealth magazine publishes in-depth report on the developments of transfer factors and cites the work of David Lisonbee and 4Life Transfer Factor® in the field.
Your immune system is in constant flux—sometimes battling threats and other times coming back to a state of rest. 4Life Transfer Factor® Tri-Factor® Formula elevates your immune system’s ability to achieve optimal balance by helping it know when to respond and when to rest. This results in high energy reserves, a quick and effective immune system, and increased support for every other body system.

**Synergy:**
1. The combined effect of two or more agents being greater than the sum of their individual parts
2. 1+1+1=5
3. 4Life Transfer Factor® Tri-Factor® Formula

With the already incomparable success of early Transferceutical™ products, 4Life® set out to create yet another remarkable formulation. 4Life Transfer Factor Tri-Factor Formula brings together the intelligence of Transfer Factor E-XF™ (combining transfer factors from cow colostrum and chicken egg yolk) and the enhanced communication of NanoFactor® to support a fine-tuned immune system and an accurate level of immune response.

Here’s how Tri-Factor® Formula works:
- Educates immune cells to potential problems
- Teaches immune cells using Transfer Factor E-XF™ and the enhanced communication of NanoFactor®
- Prompts a response to the threat with a boost of immune cell activity or a calming down of immune cell activity, depending on what’s required

No matter what your immune system needs for optimal balance, Tri-Factor Formula products get the job done. These products—made by the immune system, for the immune system—are brought to you by 4Life®, The Immune System Company™.
Balance is the Ultimate Goal

4Life Transfer Factor® Tri-Factor® Formula can help balance your immune system

Healthy Immune Balance

Tri-Factor Formula boosts when needed

Underactive Immune Cells

Based on multiple tests conducted by 4Life researchers during 2007. Tests used an FDA-approved CD4 Helper T cell in vitro assay. In this study, 4Life Transfer Factor® Tri-Factor® Formula helped T cells become more active or less active, depending on what the immune system needed.

"As a practicing pediatrician, I have recognized the extraordinary impact of a healthy immune system on the health and wellness of my young patients. 4Life Transferceutical products help support the overall immune system health by many leading clinicians in the fields of immunology and complementary medicine."

Cynthia Champion-Olson, ND
Naturopath and Clinical Nutritionist
4Life Health Sciences
Advisory Board Member

"As a practicing pediatrician, I have recognized the extraordinary impact of a healthy immune system on the health and wellness of my young patients. 4Life Transferceutical products help support the overall immune system health by many leading clinicians in the fields of immunology and complementary medicine."

David Markowitz, MD
Pediatrics
4Life Health Sciences
Advisory Board Member
Scientists around the world have conducted thousands of studies to research the effectiveness of transfer factor molecules. 4Life scientists have continued this legacy by commissioning third-party studies and in-house scientific tests to understand just how well 4Life Transfer Factor® Tri-Factor® Formula supports specific cells within the immune system—like all-important NK cells and IgA antibodies. The results speak for themselves.

**Fortify Your Defenses!**

A preliminary scientific test suggests that 4Life Transfer Factor® Tri-Factor® Formula strengthens your immune system guard by increasing the number of protective salivary IgA antibodies. (Shown in 100% of people tested.)

*Indicates the percentage increase above the baseline value.

**Increased Production of Salivary IgA Antibodies**

**Before** taking 4Life Transfer Factor®

**After** taking 4Life Transfer Factor® for four consecutive weeks*

*One hundred percent of participants saw an increase in the production rate of salivary secretory IgA by an average of 73% after taking 4Life Transfer Factor® products for four weeks compared to the one-week baseline. A brief drop occurred at the transition between the two products.

**IgA Antibody (Salivary Defender)**

A critical first line of defense

**BEFORE** taking 4Life Transfer Factor®

**AFTER** taking 4Life Transfer Factor® for four consecutive weeks*

Increased Production of Salivary IgA Antibodies

**73% MORE!**

4Life® Transfer Factor® Tri-Factor® Formula

**Increases Immune NK Cell Effectiveness**

**Without** 4Life Transfer Factor®

**With** 4Life Transfer Factor®

*Increase in Natural Killer (NK) Cell Activity

437% *
The history of 4Life® has been one of innovation, exceptional product advancements, and scientific studies.

4Life Patents

When you partner with 4Life, you’ve got exclusive U.S. patents to back you up. Every day, our Research and Development department, comprised of in-house scientists and our Health Sciences Advisory Board, explores innovative ways to support the health of the entire body through the immune system. We now have 11 issued and pending patents—including an exclusive patent for the extraction process of transfer factors from chicken egg yolk (U.S. Patent #6,468,534) and another for the exclusive combination of transfer factors from chicken egg yolk and cow colostrum (U.S. Patent #6,866,868).

“4Life Research is well-known in the nutraceutical industry as the leader in transfer factor research. If new discoveries are made, one can rest assured that the scientists at 4Life will be at the forefront.”

Rob Robertson, Jr. MD
Emergency Medicine
4Life Health Sciences Advisory Board Member

“4Life Transferceutical products never cease to reveal their unique and special immune talents. After a decade of research, I continue to be amazed by what transfer factors teach us. 4Life’s commitment to cutting-edge research will most certainly continue to inform and enlighten us about the critical life-supporting roles of a healthy and vigorous immune system. 4Life’s approach to health and wellness is changing the world.”

Richard Bennett, PhD
Infectious Disease
Microbiology and Immunology
4Life Health Sciences Advisory Board Member

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Richard Bennett, PhD
Infectious Disease
Microbiology and Immunology
4Life Health Sciences Advisory Board Member
When you purchase products to support your health, you want only the best. And with 4Life® Transferceutical™ products, that is exactly what you get. 4Life believes in providing the very best immune system support and nothing less than the highest quality products. 4Life is committed to always retaining the natural integrity of our Transferceutical products.

• 4Life adheres to Good Manufacturing Practice guidelines in the manufacture of its products.
• 4Life’s commitment to quality and good manufacturing practices meets industry standards. Every product ingredient is independently tested, and we routinely audit the testing facilities.
• Testing occurs before, during, and after manufacturing. Long-term stability testing is also completed to ensure shelf-life capacity.
• Each batch of raw 4Life Transfer Factor® powder is tested for activity levels.
How would you like your 4Life Transfer Factor® today?

4Life has developed several different ways to get your daily dose of 4Life Transfer Factor®. With capsules, chewable tablets, toothpaste, juice, gel blend, and immune spray, we’ve got high-quality products to meet everyone’s needs.

“Your Daily Arsenal of Tri-Factor® Formula Products”

“In my 50 years of medical practice, 4Life Transferceutical products have, without question, made the most significant impact on me and my patients. 4Life’s discovery of the power of nanofraction molecules stands out as a major medical breakthrough.”

Duane E. Townsend, MD, FACOG, Gynecology and Gynecologic Oncology
4Life Health Sciences Advisory Board Member

“In my opinion, 4Life Transfer Factor is the essential key to achieving superior immune system health.”

Vivienne Matalon, MD Internal Medicine
4Life Health Sciences Advisory Board Member
“In my opinion, 4Life Transferceutical products are a critical element to any health and wellness program. I really enjoy hearing from my clients; they are so often amazed at the impact 4Life Transfer Factor has on their health and well-being. It’s no small thing to exceed someone’s expectations for good health!”

Suzette Lawrence, MSN, CNM
Autism Spectrum Disorders
4Life Health Sciences
Advisory Board Member
More Transferceutical™ Products to Love

- 4Life Transfer Factor® Immune Spray
- enumermi® Body Lotion
- 4Life Transfer Factor® RenewAll

Please visit www.4life.com for a full listing of all 4Life® Transferceutical™ products.
The 4Life® story of Science and Synergy began almost 15 years ago with an unparalleled commitment to innovation and support for unrivaled health. And it will undoubtedly continue with new products, studies, patents, and cutting-edge advancements.

Most importantly, the story continues with you. All the science, research, patents, and products boil down to giving you the support you need to reach your health, no matter your age. Outrun your kids and hike that extra mile. Appreciate the finer things in life, and experience the health freedom to do and be whatever you want.

4Life Transferceutical® products give your body the support it needs to truly live above the ordinary.

Make this story of Science and Synergy your story.
For more information about 4Life products and the 4Life opportunity, contact:

[Contact Information]