

# PLANT STEM CELLS

## YOUR ULTIMATE GUIDE

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Reclaim your health  
through nature



**nature**  
provides®



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## What are Plant Stem Cells and Why are they Important?

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Plant stem cells are undifferentiated cells located in the meristems of plants, capable of forming a variety of specialized cells—thus acting as a master key. They represent the origin of much of the food we eat, the oxygen we breathe, and even the fuels we burn. Thus, plant stem cells may be ranked among the most important cells for human well-being.

Plant stem cells come from plant tissue found in the buds, young shoots, germinating seeds, sap, flower male catkins, internal epithelium of young bark, and growing tips of roots.

They are important because they can divide and differentiate into a wide range of cell types and serve a wide variety of roles. This gives us the opportunity to work with them in unique ways that people can benefit from.

Plant stem cells are known for their drainage and detoxification abilities, thus can be used as a way to prevent and treat a variety of acute and chronic health conditions in a sustainable and natural way.

### FUN FACT:

**Embryonic plant stem cells have the remarkable ability to differentiate into almost any type of cell, allowing them to regenerate and repair plant tissues! They can also be used to produce certain compounds that are not found in other parts of the plant.**

# FUN FACTS on Embryonic Plant Stem Cell Extracts

## What is the appropriate name for these extracts? Embryophytotherapy? Gemmotherapy?

Another name is plant stem cell therapy because they have the capacity to transmit an undifferentiated biological and energetic message similar to that of a human stem cell, able to reorganize a pathological disorder in humans.

### Zooming into the cellular level:

You probably didn't know that gemmotherapy is the **ONLY** botanical therapy that operates on a cellular level. Nature Provides is dedicated to an approach that cleans, restores, and strengthens organ tissue at the most fundamental level. That includes resolving acidosis and restoring organ functioning to optimal health.

**Gentle but powerful:** Our extracts are a great choice for your daily routine, as they are both affordable and gentle, while still being effective and user-friendly.

### Nope, we're not talking about stones:

Gemmotherapy is a type of therapy that uses extracts from the first buds, shoots, or roots of certain trees and shrubs with medicinal uses dating back centuries. The term "gemmo" refers to the bud of the plant that is used.

**A cut above the rest:** Gemmotherapy has an advantage over other traditional herbal therapies because it includes the powerful regenerative properties found in the *meristem tissue* within each bud, shoot, or root.

**Get to the root:** Your nervous system is crucial for initiating healing responses in both your digestive and respiratory systems. To communicate effectively with all of your organ systems, it is important to prioritize the health of your nervous system.

### Safe for the whole family:

Gemmotherapy is a gentle medicine that can benefit **everyone**, including newborns, geriatric patients, and even your four legged furry friends. It can provide immediate support for acute illnesses and infections, leaving the affected organs cleansed and purified after treatment.

**A cellular difference:** Gemmotherapy extracts contain the healing properties of the whole tree or shrub where the bud, rootlet or young shoot was taken from, instead of one specific part of the plant, as in adult herbal extracts.

**A positive domino effect:** Immunity-boosting protocols aim to improve the functioning of the nervous system, aid in bowel, kidney and liver elimination, and enhance adrenal function. This can lead to restored organ function and enhance immunity.

### European clinical advancement:

Gemmotherapy has been subjected to biochemical and **clinical studies** in Europe for more than 80 years. These studies were conducted in **research based** universities to determine the specific properties and effects of each extract on various organs and organ systems.

# The difference between Plant Stem Cell Extracts and Traditional Gemmotherapy

Plant Stem Cell extracts are often referred to as Gemmotherapy but are uniquely different. Classic gemmotherapy utilizes a 1DH dilution (diluted in water, ethanol and glycerol) while embryonic plant stem cell extracts are concentrated and are derived directly from the mother tincture.

They contain high amounts of microRNA (similar to our own human stem cells), growth hormones known as juvenile phytohormones, amino acids, exosomes, peptides, enzymes and minerals. All plants are hand-picked in the wild of the Italian Alps in Italy and are macerated within 2 hours of picking. These remedies are not succussed like those in homeopathy but they are spagyric, giving them an energetic potency and spark.

Nature Provides remedies are also spagyric, which utilizes an ancient alchemical practice that potentiates the minerals and elements of the plant and incorporates those back into the final product.

	Traditional Gemmotherapy	Concentrated Plant Stem Cell Extracts
	1DH - Diluted (in water, ethanol, glycerol)	Concentrated; Derived directly from the mother tincture
Concentration	1:20	1:10
Micro RNA	✓	✓
Contains Juvenile phytohormones, Amino acids, Enzymes and Minerals	✓	✓
Utilizes Spagyrics, an ancient alchemical practice	✗	✓
Derived From	<ul style="list-style-type: none"> <li>Often the entire branch is cut and processed, which includes excess amounts of tannins and other properties.</li> <li>Frequently utilizes corn or grain alcohol, which can be genetically modified or non-organic.</li> <li>May use dried herbs vs. fresh plant tissue, thus the need to add water to the extract.</li> </ul>	<ul style="list-style-type: none"> <li>Hand picked in the wild in the Italian Alps in Italy, far away from pollution, herbicides and pesticides, then macerated in organic grape alcohol and glycerin within 2 hours of picking.</li> <li>Utilizes spagyrics and spirals the extract to create a structured, more bioavailable product.</li> </ul>



The word gemmotherapy comes from two Latin words, “gemmo” meaning bud, and “therapy” meaning treatment. Gemmotherapy is a type of natural healing that uses plant buds, young shoots, rootlets and geminating seeds to help create homeostasis in the body and help you maintain good health.

# History of Plant Stem Cells

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The origins of Plant Stem Cell therapy can be traced back to the ancient Egyptians. However, **research-supported** documentation of utilizing plant stem cells for health began in 1959 with Dr. Pol Henry, in Belgium.

His work shed light on the incredible healing properties found within the meristematic tissue or the embryonic cells of the plant.

## Where are Plant Stem Cells Found?

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Plant stem cells are derived from undifferentiated meristematic tissue found in the buds, young shoots, germinated seeds, sap, flowers, young barks, and growing tips of roots in plants.

These embryonic cells contain all the growth material of the entire plant, similar to stem cells in humans.

These can only be found in the spring time when new growth is budding.



## Surprising Advances and Applications

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Plant stem cells have incredible restoration properties and can strengthen immunity by promoting drainage, homeostasis, and rejuvenation of cells, tissue and organs.

You would be amazed to know how many health benefits plant stem cells can serve. Everything from mental clarity, vision, skin and hair health, gut health, hormone balancing, restful sleep, to immune support can be addressed through the use of plant stem cells.

## Chronic Problems and Plant Stem Cells

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Plant stem cells provide immediate support for acute illness and infections by cleaning the affected organ and bringing it back into balance quickly. They also support resolving chronic symptoms the individuals may have been experiencing for years. This clean-up occurs in both the intra and extracellular matrix, promoting cellular communication with open pathways for healing.

Plant stem cells contain antioxidants that act as powerful agents against oxidative stress, which is often linked to inflammatory problems. Antioxidants also protect against free radicals that can cause cell damage and contribute to aging, resulting in decreased energy levels and an overall feeling of fatigue.

# Plant Stem Cells for a Wide Variety of Conditions

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Clinical studies have shown that plant stem cells may be used for a number of conditions. Plant Stem Cells not only rid the body of free radicals and toxins, they stimulate newer, healthier cell growth. This four-step process can be summarized as follows:

- **STEP 1: Drainage and Detoxification** - cleans and purifies the cells, tissues and organs. Supports organs by stimulating the reveal of toxins from our bodies through organ fluids such as blood and lymph.
- **STEP 2: Repair** RNA while stimulating growth with active hormones, supports the function of various organs and glands.
- **STEP 3: Stimulate and Nourish** - activates phytohormones that diminish as the plant ages. Delivers a full spectrum of antioxidants, hormones, exosomes, peptides, enzymes, vitamins, minerals, trace elements, amino acids, and more.
- **STEP 4: Rejuvenate** - stimulates blood and lymph activity, delivering antioxidants into the system to rejuvenate organs, tissue, and cells.

## FUN FACT:

Plant stem cell extracts have been used to treat acne for many years. These plant cells produce compounds that can help reduce inflammation, soothe irritation, and bring balance to the skin. They also combat the bacteria associated with acne, helping to prevent breakouts.

## Plant stem cells can be used to create homeostasis and address the following areas:

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- Bone Health
- Breathing & Pulmonary
- Circulation
- Detoxification
- Digestion
- Endurance
- Feminine Well-Being
- Headaches
- Heart & Arteries
- Immune System Support or Immunomodulation
- Male Well-Being
- Memory/Mental Clarity
- Metabolic Issues
- Muscular & Skeletal
- Relaxation & Sleep
- Seasonal Allergies
- Skin & Hair
- Vision

Plant stem cells support the body systems, including - Respiratory, Circulatory, Cardiovascular, Musculoskeletal, Endocrine, Nervous, and Digestive.

They also support metabolic issues and are known as drainers, which is a step beyond detoxification.



# Why Individuals Should Use Plant Stem Cells

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## The Natural Solution

Plant stem cells are unique, containing juvenile phytohormones which potentiate the detoxification process and their immunomodulatory activities. These juvenile phytohormones dissipate once the plant ages and produces chlorophyll.

Plant stem cells are different from traditional herbal supplements in many ways. For starters, plant stem cells are derived from the new growth on a plant in the springtime, and thus contain high vitality and all of the healing properties of the entire plant. Moreover, plant stem cells can be harvested from a wide array of plants and are often combined to create unique complexes with greater potency and efficacy.

## FUN FACT:

**Plant stem cell extracts have a positive effect on sleep. Studies have shown that these cells can stimulate the production of melatonin, a hormone produced in the brain that helps regulate our sleep-wake cycle.**

While pharmaceutical drugs are often based upon a single active ingredient in a plant, they also contain synthetic materials that the body doesn't recognize. These ingredients can cause adverse reactions and can add to an already toxic burden in the body.

Additionally, there is a degree of uncertainty when it comes to synthesized drugs due to potential unknown interactions with other elements in the body. Plant stem cell extracts take advantage of the synergistic effects between their naturally derived components to enhance the body's own ability to heal and thrive.



# How to Incorporate Plant Stem Cells into Your Routine

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Plant stem cell extracts are gentle yet powerful. Everyone of any age (and even pets) can benefit from plant stem cells. They help strengthen your immune system so your body can do what it's designed to do in the healthiest, most vibrant way possible.

Incorporating plant stem cells into your daily routine is an increasingly popular method of maintaining optimal health, preventing disease, and promoting healing. Plant stem cells have a range of benefits, from protecting against environmental damage to defending against signs of aging. With their ability to stimulate cell regeneration, they can leave your skin looking more youthful and healthier than ever before. They can also aid in supporting your body with many illnesses and chronic problems



**“After a year of heavy stress and significant change I was finding it hard to quiet my mind and get restful sleep. I starting using Nature Provides Passion Flower plant stem cell extract (3 droppers, 2 times a day) and have noticed a significant difference in my ability to calm my nerves and clear my mind chatter at night. I am excited to also know that passion flower stimulates the pineal gland and intuition. I feel like I have better calmness and clarity of thought overall.”**

**– HELEN A.**



## Rebuild and Enhance the Immune System

Plant stem cells can be an integral solution to rebuild and enhance the immune system. Plant stem cells embrace the healing properties that are already present in the body.

Our bodies are incredibly intelligent; however, we have turned away from listening to the language and replaced our bodies' healing intuition with modern medicine.

Plant stem cell therapies can also be used safely and efficiently on adults as well as children due to their non-invasive nature. Plant stem cell extracts are simple to utilize and bring the body's communication system back online so all parts of the body can heal. Plant stem cell extracts are gentle, safe and effective, making them ideal candidates for preventative care.

**I've had some pretty miraculous changes in my well being as a result of taking Nature Provides Plant Stem Cells. I have a history of stomach aches, digestive issues, exhaustion, thyroid issues, and low blood sugar. Since taking the plant stem cells, I have more energy than ever before (no more naps during the day), my digestion is so much better (no more belly aches), my blood sugar is balanced (no more blood sugar paralysis), and I'm feeling happier and more buoyant in life.**

**I can even eat foods I haven't been able to eat my whole life. I gave up dairy 15+ years ago. I decided to try eating some cheese, and had no adverse reaction. I ate it almost every day for a month and still no adverse reaction. My body can now digest dairy! And this is in a very short period of time of taking the plant stem cells.**

**In all of the years I've been on the path of healing, going to different holistic practitioners for different physical issues throughout my life, I've never experienced anything quite like taking these Plant Stem Cells. To me they are the Holy Grail! My body is healing at the root, and it feels amazing."**

**- VIKI S.**

**Over the past 50 years, our external environment has completely changed, which is reflected in our internal environment and our collective state of health. Our air, water and food are polluted and toxic in so many ways and our bodies are carrying this toxic burden.**

This has resulted in a compromised immune system, which impedes our body's ability to clear waste and toxins.

As a result, 93%+ of us have developed a metabolic issue, which is the key to our health and immune system functioning. This impedes our key detoxifying systems – kidneys, liver, gallbladder, lymphatics and circulatory system.

Now we can clean our cells, tissue and organs on a daily basis, ridding toxicants such as heavy metals, PUFAs, and parasites that can be challenging to eliminate.

**The best treatment is prevention: staying one step ahead on the health front.** How do we do this? With embryonic plant stem cell extracts (PSC's). The PSCs clean and purify our cells, tissue and organs, as well

as clean up the extracellular matrix (our communication network), thus allowing our own bodies to heal and stay clean and healthy on a daily basis.

We don't have to accept low energy and weakened immunity. We deserve to thrive. Using certified organic, wild-grown PSC extracts such as artichoke, juniper, milk thistle, dandelion, lemon tree and many more.

Studies are showing the best solution for a clean and optimally functioning kidney, liver, gallbladder, and lymph system are PSCs. That means, no matter what is happening in our external environment, we can stay in optimal health in our internal environment.

## Clean, Detoxify and Support the Body

Our favorite products to help clean, detoxify and support the body are:

### Total Body Detox



[BUY NOW](#)

### Artichoke



[BUY NOW](#)

### Black Currant



[BUY NOW](#)

### Juniper



[BUY NOW](#)



# Jenn's Story

In 2015, Jenn was diagnosed with a life-threatening condition, which brought her the gift of deeply reconnecting with herself and nature. She re-discovered the healing power of plants and integrated the many modalities that she learned with her study of plants.

Like many people, Jenn had put her career above her personal health. She studied finance in college and worked in financial services for almost three decades, holding prestigious leadership roles. Although she excelled in finance, her work disconnected her from her love of nature.

This disconnect took its toll on her health, combined with an environment of high stress and expectations. This led her to focus inward, and she pursued many holistic modalities, including Barbara Brennan energy healing, master gardening, medicinal aromatherapy, yoga, and a ministry of the walking prayer.

Through her incredible healing journey, she was able to reconnect with the nature-loving tomboy that enjoyed climbing trees, lying in the grass gazing up at the stars, and chasing lightning bugs. Today she has become a teacher and mentor, focusing on educating others on the inherent healing properties found in nature through embryonic plant stem cells and essential oils.

Jenn believes that by collaborating with nature, we can create a healthy, thriving world and a sustainable earth. Her mission is to empower others to discover their healthiest, vibrant selves so they may thrive and enjoy total well-being.

# Nature Provides

## Who We Are

Nature Provides began as a journey towards personal healing that quickly transitioned into a mission to educate about the incredible healing properties of embryonic plant stem cell extracts.

Honoring the environment and embracing its limitless wisdom is at the core of all we do – that's Nature Provides' way.

Join Nature Provides as we provide answers for today's most challenging health concerns. We invite you to join us on [our website](#) and [social media channels](#) as we build a wellness community.

**“Humans can't be isolated from nature, their surroundings, their environment, and it is within nature that the key to balance and recovery is universally included.”**

– DR. POL HENRY

“After trying numerous pain relief products, I finally found one that actually works - Nature Provides Joint Health plant stem cell extract. This product not only reduced my pain but also helped improve my overall mobility and quality of life.”

– MARGO B.



## Not All Plant Stem Cells are Equal

Our extracts are setting new standards with Mother Nature as our guide.

Adult herbal tinctures aren't the same as the organic, wild-harvested embryonic plant buds, young shoots, rootlets and germinating seeds that we collect and harvest in the springtime.

Adult tinctures typically come from only one aspect of the plant, such as the leaves, while embryonic plant stem cells contain the entire genetic makeup and all aspects of the plant.

Mother Nature's healing secret lies in the juvenile phytohormones plants release as new growth emerges. The potency of these begin to subside as chlorophyll is produced and the plant matures. That's why we exclusively derive our plant stem cells from fresh embryonic plant tissues harvested in Spring.

Our team of highly trained botanists in Italy pick only 20% of new growth to ensure that parent plants continue to thrive because a healthy you begins with a sustainable Earth.

Each of our Embryonic Plant Stem Cell Extracts contain the purest ingredients Mother Nature supplies. Our company keeps integrity and transparency as core values.

## Ingredients

At Nature Provides we do not add water to our extracts. This is due to the fact that the buds contain 70-80% water in their natural state. We formulate a perfect blend of fresh plant tissue, organic grape alcohol and glycerin with plenty of water that is provided naturally from the plants into the mix. Our plants are hand selected with love from a team of botanists in Italy.

Our Plant Stem Cell products are made with:

- Wild-harvest buds, rootlets, young shoots, and germinating seeds
- Organic grape alcohol
- Organic glycerin

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