



Count Cesare Mattei's Liquid Color Therapy

Sudeshna Kundu¹, Debasish Kundu^{2,*}

¹Deptt of Homeopathy, American Nutritional Medical Association, California, USA

²Khulna Homeopathic Medical College & Hospital, Khulna, Bangladesh

Email address:

anmainc@gmail.com (S. Kundu), drdkundu@hotmail.com (D. Kundu)

To cite this article:

Sudeshna Kundu, Debasish Kundu. Count Cesare Mattei's Liquid Color Therapy. *International Journal of Homeopathy & Natural Medicines*. Vol. 1, No. 3, 2015, pp. 28-34. doi: 10.11648/j.ijhnm.20150103.11

Abstract: Color therapy originated from inner healing through Chakra of the Hindu and Buddhist traditions, Paracelsus and other philosophers of the middle ages were advocates of color therapy. Gem therapy and crystal healing are used for therapeutic purposes from pre-historic period. Grafen Cesare Mattei of Bologna, Italy (1809-1896) founder of Electro homoeopathy introduced through his alchemical herbal extracts, liquid electricities of various colors intended for therapeutic use for specific disease conditions. Authors traced the connection between these two holistic healing sciences.

Keywords: Color Therapy, Chromo Therapy, Chakra Healing, Alchemy, Spagyric Homeopathy, Electro Homeopathy, Spiritual Healing

1. Introduction

Ancient Indian scriptures, incl., Atharva Veda, speak of healing through colors that is derived from the rays of the sun. Further, traditional Ayurveda affirms the healing powers of colors. In the sacred tantric texts of Hinduism and Buddhism energy centers or chakras and their associated colors are referred to.

Color therapy, also known as Chromo therapy or Chakra healing is based on the positive effects of energy centers used for therapeutic purposes to balance the body's healing powers.

2. Materials and Methods

According to Chakra healing, any imbalances that exist within any chakra may have profound effects upon either our physical or emotional bodies and by using quartz crystals or gemstones all our chakra centers are balanced back to normalcy and once the chakras have been properly balanced then our body will gradually become disease free, whereas in Hindu or Buddhist tantra specific colors of chakras are awakened through sacred process of spiritual enlightenment to attain the eternal bliss. The word chakra is derived from the Sanskrit word meaning "wheel". Spritual teachers perceive chakras as colorful wheels or flowers with a hub in the center. The Chakras begin at the base of the spine and finish at the top of the head. Though fixed in the central spinal column they are located on both the front and back of the body, and work through it. [13, 14,15]

Each chakra vibrates or rotates at a different speed. The root or first chakra rotates at the slowest speed, the crown or seventh chakra at the highest speed. Each chakra is stimulated by its own and complimentary color. The chakra colors are of the rainbow; red, orange, yellow, green, blue, indigo, and violet. The size and brightness of the wheels vary with individual development, physical condition, energy levels, disease, or stress.

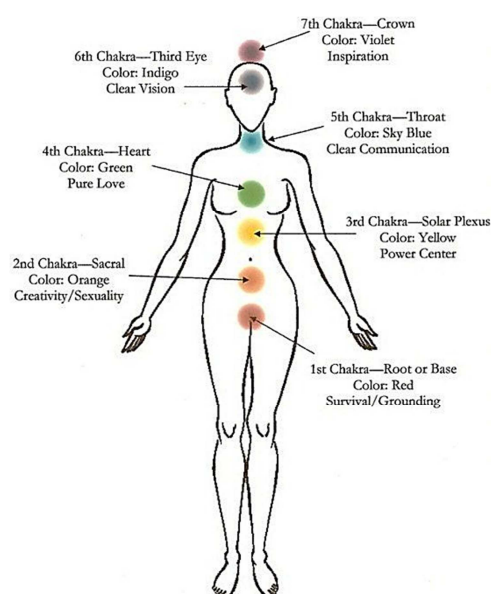


Fig. 1. Color Chakra in human body.

3. Results

The National Institute of Mental Health, Bethesda, Maryland, USA has done studies showing that our mental health, behaviour, and general efficiency in life depends to a great extent on normal colour balance. When something goes wrong, or is out of balance, we can strengthen our energy centres through the conscious use of colour.

Colour is a form of vibrational energy that has played an important role in health and healing for thousands of years. The ancient Egyptians built halls of colour in their great temples at Thebes and other places, where they researched the influences of light and colour.

Each colour of the spectrum is associated with a range of wavelengths, which means that there are hundreds of subtle nuances of colour. Not all of these are visible to the human eye, since colours vibrating at similar rates look very much alike. Violet wavelengths are the shortest, ranging from around 380 to 450 nm. Red wavelengths are the longest, spanning 630 to 760 nm.

Different colours affect the mind, body and spirit in different ways and most cultures associate colours with particular qualities, feelings, and so forth.

The Chinese also apparently practiced Colour Healing. The *Nei/ching*, 2000 years old, records colour diagnoses. Colour is one of the nine basic 'cures' applied in Feng Shui, the Chinese art of divination and directing energy (qi) to create conditions that are conducive to health, happiness and good fortune. The Chinese have always diagnosed illness by reading the 'color' of pulses, complexion, and the appearance of the body's tissues and organs.

Some basic concepts about different colours are as follows:

White: White itself is not a colour, as it is the result of appearance of all the colours together in equal proportions. It is associated with purity, innocence and cleanliness.

Violet and Indigo: These colours are associated with spirituality, loyalty, divine and love. Leonardo da Vinci claimed that the power of meditation could be enhanced tenfold under the influence of violet rays passing through the stained glass windows of a quiet church. In muted hues this colour can be helpful for treating headaches, neuroses, and certain forms of schizophrenia and dementia.

Blue: Blue is associated with faith, caring, peace and fidelity. Cornflower and lavender blue in particular represent spiritualism, thoughtfulness, constancy and kindness.

Green: Green is universally considered to be the colour of growth, healing, selfless love and tranquillity. The green colour of plants promotes love and harmony to ease troubled minds. Green is associated with the heart and when we think green, it attracts whatever we need to feel nurtured and calm. Too much green can create a static condition because it alleviates all stress.

Yellow: Yellow represents patience, tolerance, contentment, happiness, wisdom and mental energy. It helps to expand horizons and brings fulfilment. In China, charms against evil spirits are written on yellow paper.

Orange: Orange represents purity, togetherness and

feminine sensuality.

Pink: Pink is a warming, soothing, reassuring colour that represents love and romance. When you feel angry, think pink and the anger will evaporate.

Red: Red is a passionate and stirring colour which relates to will power, life and courage. It is a highly emotional and energizing colour. If you are over emotional or hyperactive, it is best not to surround yourself with this colour. In China, red is the symbol of virtue.

4. Discussions

Studies have shown that colour can influence mood, perception of temperature and time, and even the ability to concentrate. It is being used increasingly in hospitals, offices, mental health clinics and prisons to create a positive environment.

Red light has been found to speed up the circulation and raise blood pressure, while blue has a calming effect on these processes. The effect is the same even if the patient is blindfolded, which implies that colour does not have to be seen to exert its effects. Blind people can see different colours through their third eye, so it seems highly likely that we respond to different colour vibrations via the subtle anatomy, the subtle bodies, aura and chakras.

Colors are used to treat imbalance in the Chakras. Good-health and wellbeing is achieved when the energy in these chakra centers are balanced. Any blockage or imbalance in these centers results in disease conditions. The use of color can help to restore vitality to the etheric body through the projection of specific color rays, which are then absorbed by the chakra centers. The pituitary gland transforms these colors into revitalizing energies that help rebuild the centers that lack energy.

Evidence to support the existence of chakra centers was discovered by medical researcher, Candace Pert, Ph.D found that areas in the body that are particularly rich in neuropeptides correspond to the location of the seven chakra centers. Neuropeptides are natural healing chemicals.[1]

The Red Energy governs Root Chakra.

It represents vitality, creativity, energy and power. Excess of red can make a person agitated and aggressive.

The Yellow Energy governs Spleen Chakra.

It stimulates the intellect and has a cheering effect.

The Orange Energy governs the Solar Plexus Chakra.

It is an energizing color with a gentle warming effect. It helps to uplift the spirits of people who are depressed.

The Green Energy governs Heart Chakra.

It represents balance, harmony, and hope. It helps to calm nerves and create a serene atmosphere.

The Blue Energy governs Throat Chakra.

It represents truth, nobility, and serenity. Blue colored clothes may help to beat the summer heat. Too much of blue can induce sadness and depression.

The Indigo Energy governs Brow Chakra.

It stimulates the intellect, while also instilling courage, authority and calmness.

The Violet Energy governs the Crown Chakra.

It represents creativity. It is useful in treating people who are emotionally agitated.



Fig. 2. Old Indian Chakra Painting (Source: alchemy.com).

Imbalance in the energy centers is thought to be the key reason behind the manifestation of disease. Imbalance, which could occur in the physical, emotional, spiritual and mental levels, is rectified with color therapy.

Colors are light energy at certain wavelengths. This energy is translated into color by the photoreceptors in the retina, called cones. Colors have a direct influence on our thoughts, moods and behaviors because when the energy & color enters our bodies, it stimulates the pituitary and pineal glands to secrete certain hormones. It is said that red color stimulates

the sympathetic nervous system, while white and blue color stimulate the parasympathetic nervous system.

The entire spectrum of colors is derived from sunlight. In the light spectrum, each color vibrates at a different frequency. The vibrations of colors transmit energy, which is used to balance the body's energy centers or chakras.

Every cell in the body requires light energy. Nature itself is full of color. Therefore, it is no surprise that we are drawn to color. Color is energy. The energy vibration of color is used to enhance and balance the physical, emotional and spiritual state of a person.

Harmonious, soothing colors and color combinations are used to promote health and inner harmony, key triggers for healing. The energy of color impacts our mood, health, and thought process. When we heighten our awareness to the energy of color through spiritual or tantric processes, it helps to transform our pattern of health and well being. Importantly, the mood-enhancing properties of color help to improve overall quality of life.

In the teaching of sacred Sanskrit healers, we can find reference to an energy system known as chakras. (Chakra is a Sanskrit word meaning wheel of light.) These vital points in the energy body vibrate at specific color frequencies. Focused color healing works with these points. This is how the use of color can return the body to a vital harmonious system.[13, 14,15,16,17, 18]

The Impact of Color Vibrations:

"The first fact which it is necessary for us to realize is that everything is radiating influence on its surroundings, and these surroundings are all the while returning the compliment by pouring influence upon it in return. Literally, everything—sun, moon, stars, angels, animals, trees, rocks, —everything is pouring out a ceaseless stream of vibrations, each of its own characteristic type; not in the physical world only, but in other and subtler worlds as well." [9]

Considering that everything is radiating influences on its surrounding, one can understand how color carries a vibration that affects every living organism.

Research on Color Therapy:

"Color is what we call a narrow band of electromagnetic energy that we can detect with our eyes. Except for the frequency of vibration it is no different from heat, ultra violet, radio, or cosmic rays.

Albert Einstein received his Nobel Prize in Physics for his discovery of the relation between color and matter. He discovered the photoelectric effect upon which the field of spectroscopy is based. Elements when excited by sufficient energy or heat will emit a characteristic color.

Also, if the specific element is radiated with the frequency of light associated with that element, then an electrical current will be induced in that material. It is not too much of a stretch to understand that color can at least cause an electrical response in organisms, animals, even objects."[7]

Color is Vibrating Energy:

Albert Einstein (1879-1955) laid the foundations for the 'quantum' theory, it accepts elements of both the particle and wave theories that light energy moves in discrete 'packages'

known as photons, and this movement may assume a wave form. Each of the color photons has its own wave length and frequency. The body recognizes these wave forms and responds to them. Healthy living originates from the perfect flow of a rainbow of vibrations.

Since ancient times, color practitioners have known that a healthy body depends on a natural flow of a rainbow of vibrations. These have been known as chakras or wheels of light. In Color Therapy we call these Energy Centers.

When any of these colors is sluggish or if part of that Energy Center is stuck, this can affect a person physically, emotionally, mentally, or spiritually. Sometimes a combination of these effects is felt. For example, depression can be experienced emotionally and also physically. This stuck energy is experienced as discomfort. If not addressed, it will eventually show up as physical pain.

Complementary Color Therapy offers a simple and effective way to restore the flow of the Rainbow of Vibrations. As the stuck places resolve into a flow of energy vibrating at exactly the right frequency in all parts of the body, natural vibrant health follows. [9]

The ancient Egyptians have been recorded to have been using colour for cures and ailments. They worshipped the sun, knowing that without light there can be no life. They looked at nature and copied it in many aspects of their lives. The floors of their temples were often green - as the grass which then grew alongside their river, the Nile. Blue was a very important colour to the Egyptians too; the colour of the sky. They built temples for healing and used gems (crystals) through which the sunlight shone. They would have different rooms for different colours. We could perhaps relate our present methods of colour/light therapy to this ancient practice. Color effectively supported healing as far back as Ancient Egypt. Egyptian Color Therapy consisted primarily of focusing sun light through colored glass so it penetrated the body in specific locations. Even then, practitioners understood that the body needed certain colors in order to stay healthy. The ancient Egyptians listed on papyrus from 1550 BC a number of colored cures. Color was also vital to the doctrine of the Four Humours. This system of medical thought may have originated in Egypt and was common throughout Europe from the days of the ancient Greeks and Romans to the Renaissance.” [8]



Fig. 3. Early Egyptian painting of color cure.

Their deep knowledge and understanding of the healing powers of the colour rays was so nearly lost when, later on in history, the Greeks considered colour only as a science. Hippocrates, amongst others, abandoned the metaphysical side of colour, concentrating only on the scientific aspect. Fortunately, despite this, the knowledge and philosophy of colour was handed down through the ages by a few.

During the Middle Ages, Paracelsus reintroduced the knowledge and philosophy of colour using the power of the colour rays for healing along with music and herbs. Unfortunately, the poor man was hounded throughout Europe and ridiculed for his work. Most of his manuscripts were burnt, but now he is thought of, by many, to be one of the greatest scientists and healers of his time. A man, it would seem, very much ahead of his time. Not only do we now use Colour Therapy once again, but, his other ideas, using alchemical medicines, herbs and music in healing, can also be seen reflected in many of the complementary therapies now quite commonplace.

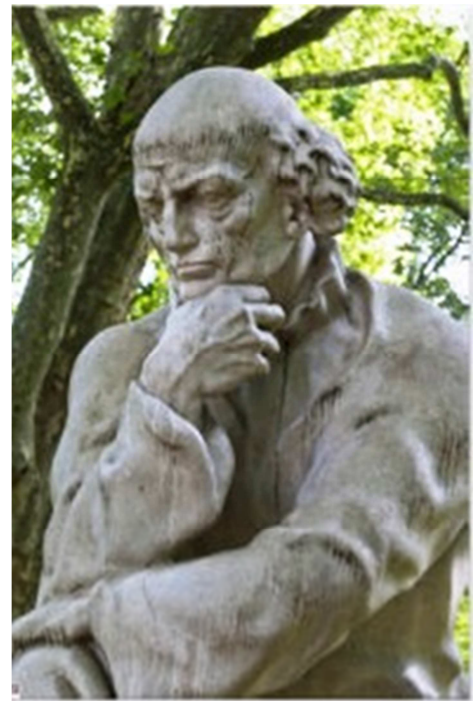


Fig. 4. Paracelsus.

Biological pigments, also known simply as pigments or biochromes[1] are substances produced by living organisms that have a color resulting from selective color absorption. Biological pigments include plant pigments and flower pigments. The primary function of pigments in plants is photosynthesis, which uses the green pigment chlorophyll along with several red and yellow pigments that help to capture as much light energy as possible.

Other functions of pigments in plants include attracting insects to flowers to encourage pollination.

Plant pigments include a variety of different kinds of molecule, including porphyrins, carotenoids, anthocyanins and betalains. All biological pigments selectively absorb

certain wavelengths of light while reflecting others.[8, 9]

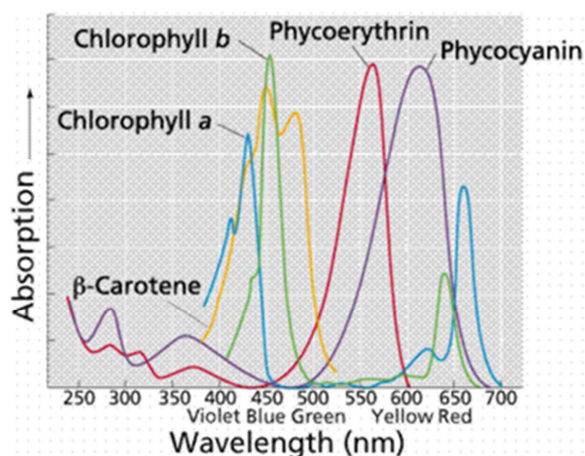


Fig. 5. The Action Spectrum for Photosynthesis.

Much research has been done on the effects of various light wavelengths on plant growth. Different photosynthetic pigments within plants utilize different wavelengths and plants use those various wavelengths to accomplish different growth and development processes.

Pigments are light absorbing molecules built into thylakoid membranes which absorb some wavelengths & reflect others, chloroplasts contain several kinds of pigments which absorb different wavelengths of light.

Pigment Color & Maximum Absorption:

Violet: 400 - 420 nm Indigo: 420 - 440 nm Blue: 440 - 490 nm Green: 490 - 570 nm Yellow: 570 - 585 nm Orange: 585 - 620 nm Red: 620 - 780 nm

Chlorophyll A absorbs blue, violet & red light, it reflects green. Chlorophyll B absorbs blue & orange light, reflects yellow, green.

Ultraviolet light (10nm-400nm)

Studies show that 385 nm UV light promotes the accumulation of phenolic compounds and enhances antioxidant activity of plant extracts.

Blue light (430nm-450nm)

It enables cryptochromes and phototropins to mediate plant responses such as phototropic curvature, inhibition of elongation growth, chloroplast movement, stomatal opening and seedling growth regulation. It affects chlorophyll formation, photosynthesis processes, and through the cryptochrome and phytochrome system, raises the photomorphogenetic response. These wavelengths encourage vegetative growth through strong root growth and intense photosynthesis and are often used as supplemental light for seedlings and young plants during the vegetative stage of their growth cycle, especially when "stretching" must be reduced or eliminated.

Green light (500nm-550nm)

It is sometimes used as a tool for eliciting specific plant responses such as stomatal control, phototropism, photomorphogenic growth and environmental signaling. When combined with blue, red and far-red wavelengths, green light completes a comprehensive spectral treatment for

understanding plant physiological activity.

Red light (640nm-680nm)

It affects phytochrome reversibility and is the most important for photosynthesis, flowering and fruiting regulation. These wavelengths encourage stem growth, flowering and fruit production, and chlorophyll production. [biblio]

Far red (730nm)

It has the strongest action on the far-red absorbing form of phytochrome, for plants requiring relatively low values of the phytochrome photoequilibrium to flower. [2, 3, 4, 5, 10]

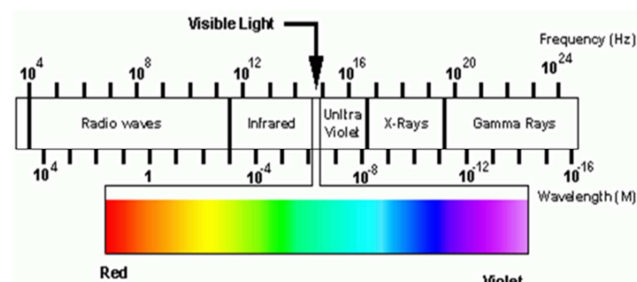


Fig. 6. Electromagnetic energy in Photosynthesis.

It seems strange that plants would harvest the lower energy red light instead of the higher energy green light, unless you consider that, like all life, plants first evolved in the ocean.

A recent research by NASA revealed that sea water quickly absorbs the red light, and it is only blue light which can penetrate to any depth. Since early plants and still most plant-life today, lived in the ocean, optimizing their pigments to absorb the reds and yellows that were present in ocean water was most effective. [11, 12]

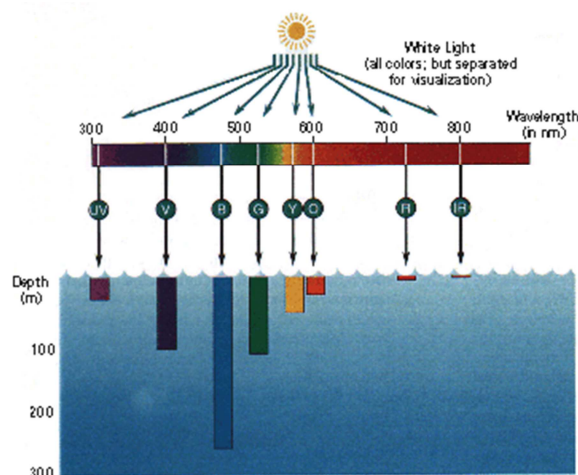


Fig. 7. Spectral light absorption in sea water (source: NASA).

Electrohomeopathy or Spagyric Homeopathy is a school of homeopathy invented in 1865, in Italy by an herbalist Count Cesare Mattei. The name is derived from a combination of electro (referring to an electric bio-energy content supposedly extracted from plants and of therapeutic value, rather than electricity in its conventional sense) and homeopathy.

Electrohomeopathy seeks to heal by employing the natural energy in plants. Electro refers to the electrical impulses, nutrients, and energies inherent in all living plants and organisms. Some of the remedies are designed to act on disorders that include metabolic, blood, intestinal and respiratory disorders. Practitioners also take into account the five “Electricities” or fluids within the body.



Fig. 8. Mattei's Liquid Color Electricities (Courtesy: Gisela Bruckl).

The Red Electricity acts as a stimulant; Blue as an anti-haemorrhagic; White works as a sedative; Green is for pain relief; and Yellow is a remedy for intestinal disorders. Tinctures and lotions made of it are applied by cupping or through cotton swab on some specific nerve endings or some parts or organs of the body which are quite identical to acupuncture points to achieve desired therapeutic effect. Count Mattie mentioned 45 body points or nerve endings for application of his electric color fluids.

The chart given below shows the body points and their related organs.[19, 20, 21, 22].

Mattei's 45 body points or nerve endings, marked *are main points:

- Superorbital nerves(above eyes).
- Suborbital nerves(below eyes).
- Base of Nose.
- Bronchial nerves.
- Solar Plexus.*
- Pit of stomach.*
- Gastric sympathetic.*
- Crural nerve.
- Lungs.
- Back of ear, angle of jaw.
- Lumber region.
- Navel.
- Great Hypoglossi.
- Sciatic nerve.
- Arch of foot.
- Small Hypoglossi.
- Occipital nerves.*
- Cervical Sympathetic.
- Coccyx(tail bone).
- Sacral nerves.
- Points above the below knees.
- Perineum.
- Kidneys.

- Hypochondria.
- Pubes.
- Region of bladder and behind it, the womb.
- Heart.
- Ovaries, in female.
- Cervical spinal nerves.
- Dorsal Spinal Nerves.
- Lumbar nerves.
- Nerves of ankle Joints.
- Flexor muscles of foot.
- Extensor muscles of foot.
- Flexor muscles of hand.
- Extensor muscles of hand.
- Palpebral muscles of eye.
- Temple.
- Arch of Aorta.
- Forehead.
- Masseter muscles of jaw.
- Inferior dental nerve.
- head of Femur(thigh bone).
- Pneumogastric nerve(Vagus).
- Top of head.

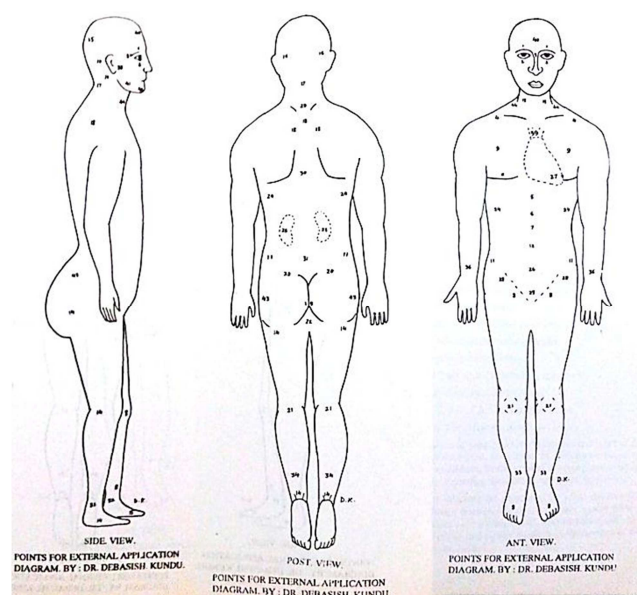


Fig. 9. Points to which Electric Color fluids should be applied (from Dr.Debasish Kundu's: Principles & Art of Cure by lectrohomeopathy).

5. Conclusion

Count Cesare Mattei carefully chosen the herbs for preparing his liquid color electricities considering the color affiliations (viz. which herb absorb which color more) of the herbs. The concept was unique and beyond that time , which could only be traced in the estoric teachings of Paracelsus. Paracelsus (1493-1541) a great exponent of alchemy regarded light and color as essential for good health and used them extensively in treatment, together with alchemical elixirs, charms and talismans, herbs and minerals.

Acknowledgements

1. Indrajit Banerjee, Tantracharya, Kolkata
2. Gisela Bruckl, Pharmacist, Wurzburg, Germany

References

- [1] "Biochrome - biological pigment". Encyclopedia Britannica. Retrieved 27 January 2010.
- [2] Ernest Ingersoll, Color in Plants, Encyclopedia Americana. Retrieved 15 May 2011
- [3] Grotewold, E. (2006). "The Genetics and Biochemistry of Floral Pigments". Annual Review of Plant Biology 57: 761. doi:10.1146/annurev.arplant.57.032905.105248.
- [4] Lee, D W (2007) Nature's palette - the science of plant color. University of Chicago Press
- [5] Hunt Roland T- The Seven Keys to Color Healing: A Complete Outline of the Practice (Harper's library of spiritual wisdom) December, 1981
- [6] Graham Helen-Discover Color Therapy: A First-Step Handbook to Better Health. Ulysses Press (January 1998)
- [7] Davenport Keith, Natural Healing & Me, CreateSpace Independent Publishing, 2009
- [8] Ray F. Evert; Susan E. Eichhorn, CourseSmart International e-Book for Biology of Plants, 8th Edition, Palgrave Macmillan, 2012
- [9] Theo Gimbel, Healing with Color and Light, Simon & Schuster Books 1994(pg 33)
- [10] Winslow R. Briggs and Margaret A. Olney, Photoreceptors in Plant Photomorphogenesis to Date. Five Phytochromes, Two Cryptochromes, One Phototropin, and One Superchrome: Plant Physiology January 2001 vol. 125 no. 1 85-88 American Society of Plant Physiologists
- [11] Tiina I. Karu, Light Coherence, www.photobiology.info/Coherence.html
- [12] Klinghardt Dietrich K, Lehrbuch der Psycho-Kinesiologie- ein neuer Weg in der psychosomatischen Medizin, Verlag Hermann Bauer, Freiburg, Germany, 1995
- [13] Gupta A, Shastri M R, Tantrasara, Nirnaya Sagar Press, Bombay, 1918
- [14] Tantratattwa, Shibchandra Bidyarnab Bhattacharya, Nabbharat Publishers, Kolkata, 1972
- [15] Chawdhri L R, Secrets of Yantra, Mantra and Tantra, New Dawn Press, New Delhi, 1992
- [16] Urban Hugh B, The Power of the Impure: Transgression, Violence and Secrecy in Bengali Śākta Tantra and Modern Western Magic, Numen, Volume 50, Issue 3, pages 269 – 308, 2003
- [17] Chattopadhyay, Jogindranath, Tantrik Sadhan Rahasya, Durgadas Library, Howrah, India, 1896
- [18] Mookerjee Ajit, Kundalini: The Arousal of the Inner Energy, Destiny Publishers, USA, 1981
- [19] Kundu Debasish, Principles & Art of Cure by Electrohomeopathy, IBPS, New Delhi, 1992
- [20] Kundu Debasish, Pharmacodynamics in Electrohomeopathy, B Jain Publishers, New Delhi, Reprint 2007
- [21] Kundu Debasish, Jayasuriya Anton and Ahmed Mahinuddin, Materia Medica for the New Age Man, Originals, New Delhi, 2015
- [22] Kundu Debasish, Sin Choo Led, Essentials of Acupuncture, Originals, New Delhi, 2015.

Biography



Dr. Sudeshna Kundu (Biswas) is a Homeopath and author of several books incl. the bestseller 'Inimicals & Antidotals in Homeopathy' with keen interest in Color therapy, Aromatherapy and homeopathic schools, incl., Spagyric Homeopathy or Electrohomeopathy, she is a member, Board of Governors, American Nutritional Medical Association, California, USA <http://www.anmainc.org>, she can be reached at Chandrapur, Bagnan, Howrah-711303, India. Email: anmainc@gmail.com