

Homeopathic Remedies Regulate Pathological Pathways in Patients with Endocrine Cancer

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Abstract

Desperate cancer patients very often prefer alternative medicine as homeopathy after unsuccessful treatment by radiation and chemotherapy. After the detection of magnetic photons in homeopathic remedies by Lenger homeopathy can be seen as an energetic medicine. According to Lenger's biochemical and biophysical model of homeopathy 15 patients having cancer in the endocrine system, lymph nodes and relapses were treated. They all reported a hypofunction of the thyroid at the beginning of their illness. To achieve a normally working thyroid, all patients got an unusual mixture of 50µg potassium iodide, 55mg calcium and the corresponding highly potentised homeopathic remedies in 50M as Iodium, Calcium-salts for the incorporation and regulation of calcium and iodium. The additional therapy consisted of the highly potentised gland, its specific hormone and potentised substrates of the fatty acid metabolism. After getting the unusual thyroid-mixture the woman with tongue cancer was healed completely. The nodes in the breast of 5 women vanished completely after application of 50M of Prolactin, Glandula pituitaria; for the remove of the precipitated prolactin Urea pura, Uricum acidum, Picricum acidum, Nitricum acidum. Highly potentised steroidhormones were given to a woman with relapses in the lung having had breast cancer, ovarian and uterine carcinoma, to the woman with lymphnode disease and fatty tissue in the abdomen and to the men with high PSA values in combination with high potencies of the substrates of the fatty acid metabolism. The woman improved for three years. The PSA-values of the men became normal. Both women with severe cancer and metastases in the bones lived more than 6 years in contrast to the doctors' prediction that they have only 2-4 months to live. Lenger's unusual homeopathic therapy consisting of substances and high homeopathic remedies of the ill endocrine glands was able to improve successfully the cancer of the endocrine system.

Keywords: Homeopathy, Magnetic Photons in Homeopathic Remedies, Endocrine Cancer, Hypofunction of Thyroid, Transcription Factors, Tumor Marker, Nucleoside-Nucleotide Phosphotransferases

Introduction

It is well known that patients with cancer very often suffer from chemotherapy, radiation and surgeries. They develop side effects or even a new cancer and metastases of their origin cancer: an altered molecular pattern of breast cancer after irradiation was described. Thyroid carcinomas have a chromosome band 7q11 in papillary associated with exposure to low-dose irradiation [1, 2]. These patients are very desperate and they are looking for alternative therapies without any side effects. A favourite therapy is homeopathy applied according to Hahnemann's (founder of homeopathy 1755-1843) Law of Similars [3]: a patient has symptoms as if a distinct substance A has poisoned him. The ill symptoms can be healed by the highly diluted and potentised (succussed) substance A. By this dilution procedure the Avogadro number is transferred which means that not any molecule is in the homeopathic dilution.

Because of this fact homeopathy is attacked as humbug. However, Lenger detected magnetic photons in the highly diluted and succussed homeopathic remedies by two magnetic resonance methods [4-6]. After her experiments 2006, 2008 and 2013, finally the existence of magnetic photons was confirmed 2016 by using the Large Hadron Collider, Cern Institute, Geneva, Swiss [7]. She measured the levels of the homeopathic potencies using both methods. She developed a biochemical and quantum physical model of the efficacy of homeopathy [8]: firstly, the healing process occurs according to the physical principle of resonance: the frequencies of the patient must match the frequencies of the homeopathic remedies and secondly the applied remedies consist of highly potentised substrates, enzymes, products, inhibitors, organs and glands of the pathological pathways which are then regulated to the range of normal health. The lacking biochemical substrates as calcium and

iodium had been added together with their potentised substrates which bring them onto higher energy levels of the atoms. This makes their uptake into the biochemical pathways easier [9-12].

Very often the disregulation of the hormones synthesized by the thyroid T4, T3 and Calcitonin are assumed to lead to disturbed protein syntheses, steroidhormone syntheses and cancer of the endocrine system and of the organs controlled by steroidhormones as mammary and prostate glands. Further on metastases grow in non target organs synthesizing tumor marker of the organs being removed by surgeries. Lenger described as tumor markers, nucleoside-nucleotide phosphotransferases, assumed to be the Transcription Factors, having the same properties as the steroidhormone receptors. These have the ability to penetrate other cells alone or bound to steroidhormones where they can transcribe genes hidden before and then synthesize tumor markers in non-target organs [13, 14].

Can Lenger's method be applied to patients with different endocrine tumors and metastases? The medical doctors said that most of them had only 2-3 months to live. A woman with nodes in the breast, a woman with something like endometriosis in the abdomen after breast, uterus and ovalectomy, a woman with lung and bone cancer after mamma carcinoma, a man with surgery of the prostate with cancer. These are all difficult cases. How successful is the healing of these patients using Lenger's biochemical homeopathy?

Methods

All patients, 15, with endocrine cancer reported a hypofunction of the thyroid at the beginning of their illness.

Restoration of the normal function of the thyroid

- Neukönigsförder Mineraltabletten, from Desma, D-55252 Mainz, 1 Drageé contains 55,5 mg calcium and some other minerals. Twice in a week
- ½ tablet of iodide 100 µg from Hexal AG, Industriestr 25, D-83607 Holzkirchen, twice in a week
Highly potentised homeopathic remedies were applied which corresponded to the function of the glands.

The homeopathic remedies in 10M (=XMK) or 50M (=LMK) had been bought from Heel-Belgium, info@heel.be and from Helios, www.helios.co.uk. (10M or 50M)

Application: One dose consists of 3-5 remedies saccharose globules, pills No 3

- To stimulate the formation of T4 and T3:
Twice in a week: 50µg potassium iodate (Hexal) and Potassium Iodate 50M, Iodium 50M, L-thyroxine 10M, Triiodothyronine 10M, Glandula pituitaria XMK and Thyro-dinum XMK, twice in a week
- To stimulate calcitonin in the thyroid's C-cells:
55,5 mg calcium (= 1 Drageé Neukönigsförder Mineralsalze), and homeopathic remedies in 50M: Silicea, Barium carbonicum, Calcium carbonicum, Calcium fluoricum, Calcium phosphoricum and Calcitonine from www.Remedia.at twice a week.
- Exception: The man having no thyroid since 30 years needed:
125µg L-Thyroxin, daily
Every second day: T4 and T3 both in 10M, Glandula pituitaria and TSH in 10M
Silicea, Calcium fluoricum, Calcium carbonicum, Calcium phosphoricum all in 50M, 250 mg calcium and ½ tablet of 500 IU Vitamine D3
- Homeopathic remedies in 50M for the regulation of fat tissue: Lecithin, Naja tripudians, Glycerine, Coenzyme A, Acetylcholine; Carduus marianus, Capsicum, Mandragora, Fabiana imbricata, Berberis.
- Homeopathic remedies for the regulation of proteins: Picricum acidum, Urea pura, Uricum acidum, Nitricum acidum all in 50M
- Homeopathic remedies to heal the inflammation: Lachesis mutus, Kaliumbichromicum, Mercurius solubilis, Silicea, Hepar sulphuris, Aconite all in 50M

Results

All treated patients told me that they had suffered from a hypofunction of the thyroid before their cancer of the endocrine system started to develop. To stabilize the function of their thyroid the patients received the substances and homeopathic remedies as described in Methods 1.-3.

Table 1: Regulation of the immune system with Immunoglobuline A and Gammaglobuline in XMK

Cases	Patient	Homeopathic remedies	Tumormarker	Healing	Survival
Tongue cancer	woman 57 years old	the remedies for the regulation of the thyroid and Immunoglobuline A and Gamma Immunoglobuline XMK	none	After ½ year of treatment	
Plasmocytome	72 years old man	Immunoglobulins A and Gamma in XMK daily and remedies for the regulation of his thyroid	Bence John's proteins	After 4 weeks the Ca ⁺⁺ was normal	Then chemo started, after 6 months he died, homeopathy was refused

The man with plasmocytome got Immunoglobulins A and Gamma in XMK daily and all the substances and remedies for his thyroid to stimulate his immunesystem, after 4 weeks of treatment the Ca⁺⁺-ions had normal values. But the physicians recommended chemotherapy and abolished the homeopathic remedies: after 6 months he died.

The tongue cancer of the patient stopped by the restoration of the function of the thyroid and the application of Immunoglobuline A and Gammaglobuline in XMK; the tissue of the tongue is dependent on Ca⁺⁺- ions as well as the synthesis of the immunesystem. The mucosa of the tongue healed completely.

Table 2: Patients with increasing PSA values

Cases	Patient	Homeopathic remedies	Tumormarker	Healing	Survival
Increasing PSA-values	2 man	Lecithin, Naja trip. Glycerine, Co-enzyme A, Berberis, Carduus marianus,- Capsicum	PSA 7,8 µg/L and 16,8 µg/L	After 4 months PSA 4,6 and 4,2 µg/l	Living in a good manner
Surgery of Prostatic adenoma, 30 years ago thyroidectomie because of cancer	1 man 60 years old	3 x in a day: in 50M: Silicea, Barium carbonicum, Calcium fluoricum, Fluoricum acidum, Calcium carbonicum, Calcium phosphoricum, in XMK Cortisonum, Ferritin, Ferrum met., Hemoglobinum	PSA 13,7 µg/L After surgery: Hb: 6.6 g/l Erythrocytes: 2.3 Tpt/l, infusion with blood was senseless	3 days later: Hb was 10.5, g/l Erythrocytes 3.3 Tpt/l 8 month later Hb was 14 and Erythrocytes 4.5 Tpt/l PSA 0,01	He is now 73 years old and Senior Champion in Tennis, each Symptom ascending is treated with the suitable remedy.

Increasing PSA in the prostate was reduced by remedies supporting the fatty acid levels of the gland Lecithin, Naja trip, Glycerine, Co-enzyme A together with remedies stimulating the synthesis of the bile as Berberis vulg., Carduus marianus, Capsicum in 50M. The PSA decreased to normal values after 4 months.

The 60 years old man had a surgery of the thyroid because of cancer 30 years ago. He got 125µg L-Thyroxine daily, 250 IU Vitamine D3 and 250 mg Calcium, every second day, including 50M of Silicea, Calcium phosphoricum, and Calcium fluoricum. The value of the PSA increased, the doctor recommended a surgery

of the prostate because he had found some cancer cells after a diagnostic biopsy of the prostate. After the operation hemoglobin was 6.6 and the erythrocytes 2.3, the iron values had been very low, several infusions with blood did not help. So the homeopathic remedies of Silicea, Calcium phosphoricum, Calcium fluoricum had been given 3 times daily together with highly potentised Ferritin XMK, Cortisonum XMK, Hemoglobinum XMK. After 3 days the hemoglobin achieved 10.5 and the erythrocytes 3.3; it needed 8 months till these values were normal, because of not having a thyroid. He is Senior Champion in Tennis every year, since 13 years.

Table 3: Nodes in the breast

Type of cancer	patients	Homeopathic remedies	Tumor marker	healing
Nodules in the breast	7 women between 25-55 years	Every day: Glandula pituitaria XMK, Prolactine XMK and LMK, for the digestion of the peptidehormone prolactine: Picricum acidum, Urea pura, Uricum acidum, Nitricum acidum, Zinkum met., Sulphur, all in 50M,	none	All are healthy, the nodules vanished after 4-6 weeks

The application of Prolactine LMK and Glandula pituitaria LMK stopped the growth of the nodules in the breast. For digestion of the precipitated peptidehormone prolactine in the milk ducts of the breast Picricum acidum, Urea pura, Uricum acidum, Nitricum

acidum, Zincum metallicum and Sulphur in 50 M were given every second day. After 4-6 weeks the nodules had been vanished. Other tumors in the breast could not be found.

Table 4: Woman with lung carcinoma again after breast carcinoma

Type of cancer	patient	Homeopathic remedies	Tumor marker	healing
Firstly breast cancer, surgery, then metastases in the lung	47 years old woman	Kaliumbichromicum, Mercurius sol., Naja trip. Lachesis mutus, Arsenicum album, Silicea, Calcium phosphoricum, Phosphorus, all in 50M every day	none	She was healed after 4 months

This 47 year old woman had had a surgery of the breast carcinoma, radiation, and metastases in the lung. After that she was told to be healthy. After 1 year she got again lung carcinoma. Aromatase inhibitor was given by the medical doctor. Before homeopathic treatment the medicament Aromatase inhibitor was removed. The

homeopathic remedies healing inflammation and of course the stuff to support the thyroid had been given every day. The tissue of the lung is dependent on Ca⁺⁺-ions. After 4 months she was really healthy.

Table 5: Women with lung carcinoma and severe metastases

Type of cancer origin: breast cancer	patients	Homeopathic remedies	Tumor marker	healing	survival
Lung and bone metastases from breast cancer	Women A, 46 years old	Carbo vegetabilis, Calotropis, Kaliumbichromicum Mercurius sol., Naja trip. Lachesis mutus, Arsenicum album, Silicea, Calcium phosphoricum, Phosphorus, in 50M every day	Ca 15-3 increased, she agreed to chemo Bonfos and others	Water in the pleura vanished, she felt good	Six years she took homeopathic remedies, the last 2 years of her live she took more and more chemo. Cause of her death: bone cancer.
Breast surgery, the doctor said that the nods had been lymphatic edema; then carcinoma in uterus and ovaries surgery of ovaries and uterus; metastases in the intestine: lymphnodes in fatty tissue with cancer cells	Woman B, 60 years old	For fatty acid digestion: Naja tripudians, Thuja, Lecithin, Glycerinum, Co-enzyme A, and for the inflammation: Lachesis mutus, Kaliumbichromicum, Mercurius sol., Arsenicum album, Silicea, Calcium phosphoricum,, Silicea, Calcium phosphoricum, all in 50M every day	Ca - 125 Increased firstly, then it was reduced after 4 years it increased again	One operation after another for removing the lymphnodes and the fatty tissue, after homeopathic treatment the time between the surgeries increased, at last 3 years	From 2004 to 2012, homeopathy saved 8 years. She lived in a good way. But she did not understand that she had to stop with the Budweis-cure, 3 big spoons of oil plus cream cheese with fruits, chemotherapy was added

The two women with a surgery of the breast having an additional lung cancer had got Progesterone and Estradiol in 10M, additional the remedies for inflammation. To stop the water in the lungs Phosphorus and Arsenicum album 50M had been given 2 x daily. Both got their menstrual cycle again in a normal rhythm.

Progesterone and Estradiol in 10M supported the woman with breast, ovare and uterus-ectomie. The growing of lymphnodes in fatty tissue in the abdomen cavity was more slowly after application of the potentised substances of the fatty acid cycle: Lecithin, Naja tripudians, Glycerin, Co-enzyme A, for the inflammation: Kaliumbichromicum, Mercurius sol., Silicea, Natrium mur., Calcium

phosphoricum, Calcium carbonicum, Calcium fluoricum in 50M. and homeopathic remedies to stop the inflammation. The time interval between the surgeries was bigger. But she did not stop with eating of 3 big spoons of linseed-oil with cream cheese...although she had been warned that the fatty tissue will grow faster. So the tumormarker Ca-125 increased.

The lung cancer stopped its growing and retired. The treatment of endocrine cancer with its substances and corresponding homeopathic remedies made it possible to cure or to save several years of living for the patients in a good manner.

Table 5A: Tumormarker of breast cancer, cancer of ovary and uterus (Ca 15-3 and Ca -125) -and liver cancer (CEA) of patient A

Patient A	Ca 15-3 U/ml	CEA ng/ml	treatment	state
date				
2008-10-04	1700		homeopathic treatment till her death	Metastases in the lung removed
2009-02-03	1883	50,9		
2009-02-25	2210	50,1	Now chemo: carboplatin, Bevacicumab,	
2009-03-18	2771	102,2		
2009-04-23	2426	93,4		
2009-05-27	1828	94,2	Aromasin Biphosphonate	Aromasin Biphosphonate
			She did selfmedication with the homeopathic remedies.	
2013				She passed away painfully

Table 5B: Tumormarker of breast cancer, cancer of ovary and uterus Ca -125 of patient B

Patient B	CA 125 U/ml	treatment	state
date			
2004-10-28	170		
2004-12-03	268		
2005-01-26	353	Start of homeopathic therapy of the thyroid and	2005-2008 no operation
2005-03-21	550	Remedies for the regulation of fatty acids, glands and lymph nodes till her death	
2005-06-17	38		
2005-08-25	11		
2005-11-17	39		
2006-05-30	150		
2008-06-10	380	Self medication of woman B: Budwig treatment: 3 full spoons of linessed oil and cream every day My warning: not to do that because of her fat liver	Her last visit in my practice
2008-09-01	500		Chemo carboplatin Surgery of ureters, insertion of plasty, remove of fat and lymphnodes with cancer
2008-11-28	450		
2009-07-16	1 000		
2012 she passed away			

The two women, patient A and patient B, had really severe carcinoma with metastases. The medical doctors predicted them before homeopathic treatment that they will live only 2-4 months. They survived more than 6 years. Patient A was accompanied by the unusual homeopathy of Lenger and by chemo. Patient B got surgeries because the fatty tissue and the lymphnodes with carcinoma cells in the abdomen were always growing. The reason was that she ate daily 3 full spoons of lineseed oil, a poison for her cancer. She believed that it was healthy. After one year she passed away. Woman A took Biphosphonate, because the tumor marker increases. She had no courage to stop it. It was predicted that she would die with bone metastases. At the end she died having terrible pain in her bones. But she survived more than 6 years. In the first years of homeopathic treatment she had lived in a good manner.

Discussion

Biochemical Homeopathy

The results show that Lenger's biochemical homeopathy was successfully applied to patients with endocrine cancer. The therapy of an unusual mixture of leading substrates and their corresponding high homeopathic potencies of the pathological pathways was able to heal completely the breast nodes, the carcinoma of the tongue, the beginning lung cancer and the man after the surgery of prostate for 13 years. All these patients did not get metastases. Some other patients, their dead had been predicted within 3 months, could save their lives for about six years, but they had been accompanied by chemotherapy and surgeries till they died.

The substrates of the thyroid, potassium iodide and calcium together with their corresponding highly potentised homeopathic remedies as Jodium, L-Thyroxine, Trijodothyronine, then Calcium fluoricum, Calcium phosphoricum, Silicea and Calcitonin were given to support the incorporation of the substrates into the biochemical pathways [9-12]. Hereby the hypofunction of the thyroid was regulated as Lenger already had described [9].

This applied biochemical homeopathy is unusual and not used by the homeopaths. It is completely new to add to the patients highly potentised distinct endocrine glands and their substrates in dependence on the specificity of the cancer: Glandula pituitaria and Prolactine and remedies for the digestion of not necessary protein in the breast. In two months the nodes disappeared. High Potencies of Ovary, Progesterone, Estradiol and Suprarenal glands (adrenal glands) of which the cortex produces the steroidhormones had been given to the patient with ovariectomy. To restore the normal structure of the glands e.g. prostate high potencies of substrates of the fatty acid metabolism had been administered.

The homeopathic remedies had been applied very often, daily, twice in the day. This also is absolutely in contrast to homeopathic thinking. The ideas of the homeopaths are to give only one similar remedy to the patient, then the patient has to wait for the reaction, for amelioration nearly 4 weeks; then the remedy was repeated or not. The homeopaths know that cancer cannot be treated in such a way. In the case to give high potencies of the substrates, inhibitors of the pathological pathway they are saying this is not homeopathy but Iso-homeopathy. Of course, highly potentised substrates, inhibitors and enzymes of the pathological pathways are the most similar remedies for healing in the sense of Hahnemann (1755-

1843) [3].

Biophysical Aspects

By the uptake of the magnetic photons of the highly potentised remedies higher energy levels of the substances' atoms were achieved. Then the enzymes are activated and they are able to incorporate the substances very well. In this way the thyroid reached a normal function [9] being healed according to the physical resonance principle [8].

Einstein already explained that each substance and each living body consists of an electromagnetic wave package. Fröhlich showed frequencies in the long wave region of a living body [15]. His follower, the quantum physicist F.-A. Popp, developed a quantum physical model of health and illness [16, 17]. Popp said that living cells uptake and emit photons to maintain the normal energy level of the normal frequency field of life. Each biochemical enzyme needs energy to proceed its reaction. Probably it uses the energy of the photons being uptaken. Illness means according to Popp that too many photons had been uptaken or emitted, so that the normal energy level of a living body is out of balance. Lenger [8, 9] continued Popp's assumption. Firstly healing means to achieve the normal energy level of life again. The ill making wrong frequencies of the photons in the body must be cancelled by the magnetic photons of the homeopathic remedies with the same frequencies according to the physical principle of resonance. Secondly the pathological biochemical pathways are self-regulating. This is in agreement with the assumption of the physicist Theodor Förster [11] who said that every chemical reaction only takes place on higher energy levels of the atoms of the substances. A further prove is that Voeikow measured photons during a chemical reaction [12]. This underlines that the magnetic photons of the similar homeopathic remedies make it easier to incorporate the lacking substances into the pathological biochemical pathways to restore the normal function according to the physical principle of resonance and to the Law of Similars [3].

Tumor Marker

The treatment of endocrine cancer with Lenger's biochemical homeopathy makes it possible to cure the patients or to save several years of their life. The women A and B lived more than six years although the medical doctors predicted their death within three months.

Astonishing is that the tumormarker Ca-15-3 and Ca-125, special for cancer of mammals, ovary and uterus increased although the corresponding organs had been removed by a surgery. The tumormarkers are synthesized in metastatic cells which are not specific for these proteins. Nobody does understand that. Nevertheless, the absent organs removed by surgeries had been treated by Estrogene and Progesterone, both in 10M, and by homeopathic remedies for the regulation of the fatty acid metabolism of glands and metastases. After that the growing of the metastatic cancer stopped for a long time (3 years). The tumor marker decreased. At the end both women neglected homeopathic treatment. They had been treated by chemotherapy recommended by the medical doctors. They died after a short time.

In the meantime many tumor markers are described: estrogene re-

ceptors are used to measure the growing process of breast cancer [18]. In breast cancer a novel protein ITH5 as a tumor marker was found and a marker indicating the DNA-methylation in the human mammary carcinoma [19]. A novel serum marker for ovarian cancer: Y-box protein-1/p18 is described [20]. The group of Speicher described the measurements of components of tumors: circulating tumor cells, and a circulating tumor DNA with apparent TF activity for monitoring tumor genomes. These are facts but give no biochemical explanation of tumor growth and metastases [21-23].

As a tumor marker the enzyme thymidine kinase (EC 2.7.1.21) is used since 40 years, because it is enhanced as a salvage enzyme during tumor growth synthesizing thymidinemonophosphate from thymidine. Lenger detected this cytoplasmic enzyme activity also in Ehrlich Ascites nuclei and in chromatin of Morris Hepatoma 9121 nuclei, also in cytoplasm and in blood plasma of early tumor bearing rats [24-28]. An important fact is: the purified enzyme activity was able to phosphorylate deoxyribonucleosides to deoxyribonucleosidetriphosphates, dTTP, dCTP, dGTP, dATP over deoxyribomono- and diphosphates. Furthermore also ribonucleosidetriphosphates, UTP, ATP, GTP, CTP could be synthesized from their corresponding ribonucleosides. These enzymes had been looked for since years. They are probably the Transcription Factors searched for a long time which are bound to the promoter region of a gene. Lenger found several enzyme forms in the chromatin which differed from those of rat liver and of Morris Hepatoma 9121. A tumor specific enzyme form C was identified and characterized in nuclei of Morris Hepatoma 9121 and in the bloodplasma of rats 7 days after transplantation with Morris Hepatoma 9121 [28]. The nucleoside-nucleotide phosphotransferases show also different forms in bloodplasma of patients with neuroblastoma and in patients with leukemia in comparison with bloodplasma of healthy patients [28]. Therefore, the tumorforms are supposed to be not only specific for cells with endocrine cancer. Research in future will detect it. These enzymes are able to bind cortisone, progesterone and estradiol and prefer different DNA-sequences, probably promoter sequences of genes. Different proteins can be synthesized without steroidhormones and in dependence on steroidhormones. These nucleoside-nucleotide phosphotransferases have similar properties as the well-known steroidhormone-receptors [13, 14]. They can enter other cells, non target cells. They are transferred into the chromatin, where they, loaden with steroidhormone or not, are bound to different DNA. This host enzyme is assumed to cause the syntheses of proteins which are not specific for this non-target cell, new proteins which are assumed to be the tumor marker with unknown function??? So it can be possible that the tumor marker of mammals, uterus, ovary, Ca-125 and Ca-15-3, are synthesized in complete other tissue cells where they probably cause metastases.

These nucleoside-nucleotide phosphotransferases are tumor markers with a biochemical function. They are supposed to be the Transcription Factors bound to the promoter region of a gene. This assumption is in agreement with Verde et. al. who described that an unliganded progesterone receptor governs estrogen receptor gene expression by regulating DNA-methylation in breast cancer cells. After all these explanations: a further question must be solved: the nucleoside-nucleotide phosphotransferases are identical with the steroidhormone receptors? Both have similar properties [29, 13, 14].

The known tumor markers e.g. Ca-125 and Ca-15-3 are only proteins without any biological function. Lenger's biochemical homeopathy with the intention to normalize the degenerated biochemical pathways allowed to heal some early cancer and to let survive some patients more than six years. The tumor marker detected by Lenger have a biological function and can be measured even in bloodplasma in an early stage of cancer [28]. An early treatment of cancer can be possible. Another prevention of cancer might be to regulate the function of the thyroid with alternative medicine as Lenger showed in this publication.

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