



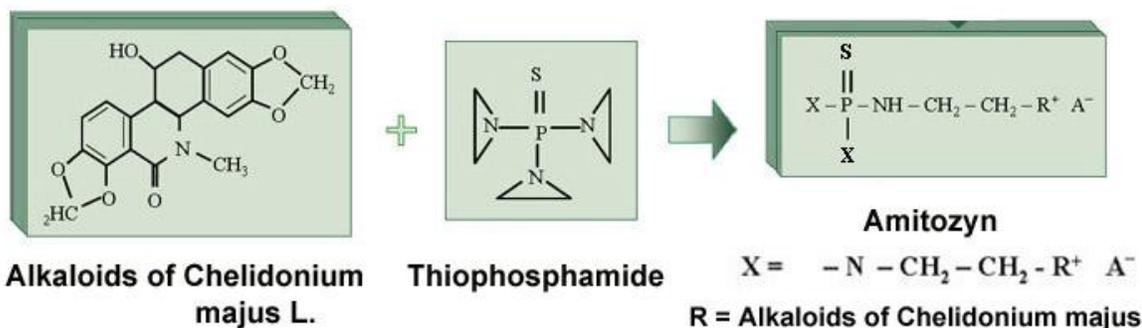
## POTOPALSKY ANATOLY IVANOVYCH

The head of Laboratory of Modification of Biologically Active Compounds of the Institute of Molecular Biology and Genetics of NAS of Ukraine, the Honored inventor of Ukraine, MD, senior lecturer, professor of the European Academy of the Human Nature Problems. The founder and the director of Institute of Health Promotion and Rebirth of People of Ukraine and Charity fund "Healer given by Heaven".

*Slogan: Ukrainian nation will be happy*

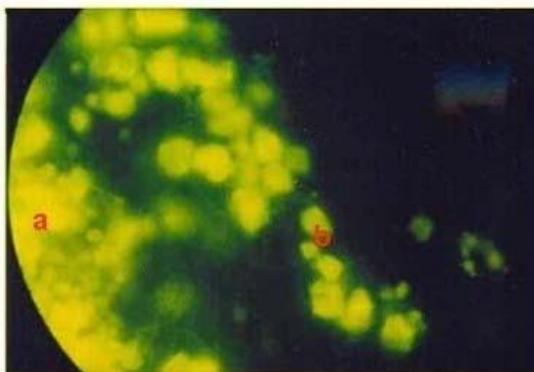
Awarded with the Sign of beneficence "For the help to Chernobyl families SOS-86", Order of Saint Archistratigus Michael (in 2003) for merits for Ukraine, Honorary citizen of Korosten town of Zhytomyr region.

Potopalsky Anatoliy Ivanovych - a prominent scientist-innovator, was born in Vinnytsya region in 1938 year. In 1956 graduated Zhytomyr medical school #1, and in 1963 year - the therapeutic faculty of the Ivano-Frankivsk Medical Institut year - from the therapeutic faculty of the Ivano-Frankivsk Medical Institute and since that time he was immersed in scientific work. During his study at the Institute, A. Potopalsky developed a new therapeutic preparation "Amitozyn" on the basis of interaction of celandine alkaloids and by promoting activity of their molecules via alkylation. This preparation stopped the division of malignant tumours and caused their aging - apoptosis. Its unicity was in the absence of hematogenesis inhibition and the immune system inhibition, but the other way round - in their reinforcement, stimulation of the defense reactions of the organism.



Scheme of amitozyn synthesis by A.I.Potopalsky – the first representative of a new scientific approach

Picture of luminescent microscopy  
of pancreas carcinoma in the conditions  
of amitozyn preparation's own fluorescence



magnification X 400  
concentration of amitozyn 1 mg/ml

- a) fluorescence of cancer cells in 2 hours after the 0.25mg/kg of amitozyn intravenous administration.
- b) infiltration of pancreas normal tissue by fluorescing cancer cells.

Amitozyn and its analogues were patented. After graduation from the university, the young scientist got the position of an assistant at the Department of Physiopathology at the Ivano-Frankivsk Medical Institute and in 1970 – position of the Head of Laboratory of Malignant Tumours and Leucosis Remedial Therapy at Lviv Medical Institute, specially organized by the resolution of Cabinet of Ministers of the USSR.

In collaboration with L.V. Lozyuk in 1973 he developed another unique preparation - "Izatizon", ratified and successfully used for prevention and treatment of viral and bacterial-viral infections and tumours in veterinary, medicine, crop production, and as an effective immune modulator.

Since 1977 Anatoly Potopalsky has been working as the Head of Laboratory of Modification of Biologically Active Compounds at the Institute of Molecular Biology and Genetics (IMBG) of NAS of Ukraine, which was organized by the order of Council of Ministers of Ukraine. Researches of these years composed the basis for creation of new scientific direction - molecular-genetic and spiritual recovery of human being and environment.

More than 60 new preparations with antitumour, antiviral and immune modulating action patented, 15 original phyto-teas elaborated on the basis of celandine, over 20 new forms, varieties and types of medical and agricultural plants created, 6 of which approved by State Inspection of Plant Varieties of Ukraine and recommended for wide use as new varieties with a high yield and a high content of active substances. Eleven from indicated phyto-teas with celandine and dozens of other plants, are produced by Zhitomir closed company "Medherbs" under the brand of "Doctor A.I. Potopalsky" (Certificate on a trademark #109425): Angiotumorosan, Artrourosan, Ghastrosan, Dermosan, Enterosan, Imunosan, Pneumosan, Tumorosan, Urosan, Kholeurosan, Cardiosan. They recover organism, treat benign and malignant tumours, polyarthritis, multiple sclerosis. Plants of own selection: Purple Echinacea of "Beauty of Polissya", "Blueness of Polissya" viper's bugloss, molecular hybrid of pumpkin and watermelon "Zdorovyaga" kavbuz - used for production of such recommended food supplements as "Spokiy" (Calmness), "Badioryst" (Vivacity), "Bud'mo zdorovi" (Be healthy), "Kavbuzol", "Kavbuzosorb".

The scientist elaborated a number of the newest biotechnologies: targeted improvement of genetic information of biological objects; environmental cleansing by application of plants able to assimilate atmospheric nitrogen instead of expensive fertilizers; obtaining of good crop capacity of plants on highly saline soils; increase of productivity of beneficial insects, fishes, birds, animals; a method to control agrobacterial cancer of plants.

In 1979 year on the territory of 40 hectares of no cropland in the village Khodaky of Korostensky district in Zhytomyr region he laid a dendropark "Peremoga" aiming to found a selective seed base.

His achievements in the area of selection, which is a distant from medicine area, are striking. A technology of obtaining of new forms of plants with desired economic properties is created using the approach of structural modification of molecules-carriers of hereditary information DNA and RNA - was invented under his guidance. These achievements' wide application has a considerable economic and social effect, in particular, for environmental recovery, obtaining of heavy yield on highly saline and nitrogen-depleted soils, and also during the hydroponic growing with the use of seawater without its desalination.



Winter rye  
"Drevlyanske"



Pumpkin "Kavbuz  
Zdorovyaga"



Tomatoes  
"Ukrainian"



Purple Echinacea  
"Beauty of Polissya"

**Figures represent new varieties of plants created by the new technology of A.I. Potopalsky and his colleagues. Plants are resistant to unfavorable conditions and approved by State Inspection of Plant Varieties of Ukraine.**

The created hybrids impress even professional selectionists: Kvagista (molecular hybrid of haricot and cabbage) is an unique edible and feed culture that is up to three meters high with large protein content; kavbuz (molecular hybrid of pumpkin and watermelon) - the largest in the world berry of more than 60 kg of weight, it promotes removal of heavy metals and radionuclides from the organism); Kiziris (molecular hybrid of cornel and barberry); Alycos molecular hybrid of cherry-plum and apricot.

The high viral and immune-modelling effect of amitozyn and izatizon proved in 1992-1994 years by the program of the National AIDS Committee established by the President of Ukraine. However, these developments have not been implemented.

Scientific works of A.I. Potopalsky include over 350 publications and 11 monographs, ready for printing popular scientific book of advices for the rescue of millions of people "Cancer comes – rescue yourself", he supervised 8 candidates of medical and biological sciences.

Together with his colleagues, A. Potopalsky offers completed scientific elaborations, complex methods of molecular recovery of human being and environment to interested collectives for collaborative implementation:

- Having no analogues in world practice antiviral, antimicrobial and antitumour preparations "Izatizon", "Izatitoni", "Amitozyn" with a high economic effect when using in medicinal care, veterinary medicine, crop production;

- New varieties of cereals with high productivity on nitrogen-depleted and highly saline soils (wheat, rye, oat, millet, barley, corn, sorghum, rice), resistant to drought, bacterial and mycotic infections;

- New types of pumpkin for introduction to farming (kavbuz, kavbudek, enriched in sugars, fructose in particular, carotene and oil);

- New varieties and forms of medical plants, which have immunomodulating, bactericidal and anti-inflammatory effects (Echinacea, viper's bugloss, elecampane, thermopsis, phytolacca);

- Salt-resistant and drought-resistant forms of plants, tomatoes of "Ukrainian Salt Tolerant" variety in particular;

- Technology of cereals and vegetable cultures seed treatment, and treatment of mushrooms, which increase the productivity by 20-40%;

- Technology of beneficial insects' productivity increase in beekeeping, production of oakworm and silkworm, etc. proposed bio preparations are not harmful and provide the increase of beneficial insects productivity by 1,5-2 times;

- Technology of creation of new forms of plants with modified properties (creation of frost-resistant, salt-resistant, drought-resisting forms, transformation of winter forms of crops to spring crops);

- Technology of fishery and sea-farming productivity increase by 20-40%;

- Technology of diagnostics, prevention and treatment of bacterial cancer of plants (fruit cultures, grape, vegetable cultures) by using of original, ecologically harmless preparations.

Unfortunately, a worthy implementation of these elaborations was opposed not only by our communist bureaucrats, to be a member of the party he categorically refused, but also the present ones.

Concerned by physical and spiritual state of Ukrainian nation that appeared to be under conditions of ecocide for a long time, A.I. Potopalsky founded Fraternal Health-improving Association of Ukraine FHIO "Joy", and in 1992 year - Institute of Health Promotion and Rebirth of People of Ukraine, aiming to combine scientific researches with bases of Christian morality and, thus, rebirth of physical and spiritual health of all people living in Ukraine.

For the purpose of financial support, in 1999 year he organized Charity fund "Healer given by Heaven" that got a wide resonance among Ukrainian citizens. Clearing account of the fund is **№ 26006012818021 in Ukrexsimbank of Kyiv city, MFO 322313, ZKPO code 21688650.**

Due to the initiative of A.I. Potopalsky and a group of specialists, a popular scientific journal "Bee. Health. Apiotherapy" has been founded in 2007 year, and A.I. Potopalsky works as the vice-chairman of this journal's editorial board, at the same time he is the member of the editorial board of a popular journal "Pedagogics of tolerance", that publishes critical alarm materials about health improvement of people and society on a continuing basis.

Popularizing his achievements in these and other general media, A.I. Potopalsky constantly launch an initiative of creation of departments of spiritual and molecular-genetic recovery of human being and environment and thematic journals in all educational establishments. To report the activity on recovery of human being and environment, to involve Ukrainian and foreign citizens in the collaboration, website [www.potopalsky.kiev.ua](http://www.potopalsky.kiev.ua) created.

In 2005 year International scientific-practical forum "Bases of molecular-genetic health improvement of both human and environment" took place upon an initiative of Anatoly Potopalsky at the Institute of Molecular Biology and Genetics, it was dedicated to a new scientific direction of modification of biologically active compounds, that was awarded the top assessment both at home and abroad: in 1985 year A.I. Potopalsky was awarded a silver medal for preparation "Izatizon" at the International exhibition of achievements in agriculture (Budapest, Hungary), and in 1987-1990 - silver medals at All-union and Republican Exhibitions of National Economy Achievements for preparation "Izatizon" and agrobacterial cancer of plants control technology.

In 1996 year, based on the results of International Association Competition "Helping Chernobyl Families" on the best pharmaceutical preparation, remedy, food stuff promoting the excretion of radionuclides and health improvement of human beings, kavbuz and therapeutic-prophylactic product produced from kavbuz were awarded the Sign of beneficence "For the help to Chernobyl families SOS-86". The author awarded with the Order of Saint Archistratigus Michael (in 2003) for merits for Ukraine.

The name of A.I. Potopalsky is known far outside Ukraine: in 2004 the scientist was nominated for the Nobel Prize in medical chemistry, according to American Biographical Institute he was chosen as a Man of the Year in 1996 in the USA, and his biography is included to international edition of "500 Great Leaders" (1994 y.). In 2010 Nominations Committee of European Business Assembly (Oxford, Great Britain) together with Scientific Advisory Board of the International University of Vienna (Austria) nominated A.I. Potopalsky for the rank of "Honorary professor of the International University of Vienna" for contribution to the strengthening of international relations in the field of science, education and business. At the same time Advisory Board of European Business Assembly nominated directed by him Institute of Health Promotion and Rebirth of People of Ukraine for the International reward "European quality" ("EUROPEAN QUALITY", per. #2351135).

General encyclopedic editions of Ukraine include information about A. Potopalsky. He is an honorary citizen of Korosten town among 12 other honorary citizens over the history of existence of this town, founded in 946 year.

Despite of all achievements and worldwide acceptance, the highest goal of Anatoly Ivanovych's life is the establishment of the National Centre for spiritual and molecular-genetic recovery of human being and environment - for the present remains a dream. Dozens of his employees together with thousands of followers, like-minded persons and patients saved from inevitable death are getting closer to its establishment with an unshakable persistence, deep faith in a historical justice and unavoidability of the victory.

This idea and necessity of its urgent realization actively perceived by our nation, endangered under conditions of ecocide, and unites the people of Ukraine. Health-improving and educational units of enthusiasts, which work by this program, are organized everywhere.

Optimism and persistence of A.I. Potopalsky, his faith for justice - is a way to the victory, way to implementation of his ideas into life.