



8th International Conference on

TRADITIONAL MEDICINE AND ACUPUNCTURE

July 23-24, 2018 | Rome, Italy

DAY 1

Keynote Forum



Anat Elmann

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Biography

Anat Elmann is a Research Scientist at the Department of Food Quality and Safety in the Volcani Center, Agricultural Research Organization. She got her PhD from the Weizmann Institute of Science, gained experience as a Researcher in a biotech company, and from the last 12 years she has been studying the effect of plant derived substances on glial and neuronal cells, which play important roles in neurodegenerative diseases and aging. She has presented her work at many different international conferences in Europe and USA, and she is the author of patents and papers on subjects including Neurobiology, Immunology, and the effects of phytochemicals and plant extracts on glial and neuronal cells.

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HARNESSING PHYTOCHEMICALS TO SUPPORT THE NERVOUS SYSTEM

Oxidative stress and amyloid beta toxicity are involved in the pathogenesis of Alzheimer's diseases. We have previously demonstrated that an extract prepared of the plant *Achillea fragrantissima* (*Af*) protected cultured brain astrocytes from oxidative stress-induced cell death and down regulated microglial activation. Using activity guided fractionation, we have purified from *Af* an active flavonoid named 3, 5, 4'-trihydroxy-6, 7, 3'-trimethoxyflavone (TTF). TTF protected cultured astrocytes from H₂O₂-induced cell death via interference with cell signaling (inhibition of SAPK/JNK, ERK 1/2, and MEK1 phosphorylation) and by reducing the levels of oxidative stress-induced intracellular reactive oxygen species (ROS). The mechanism of the protective effect of TTF against H₂O₂-cytotoxicity could not be attributed to a direct H₂O₂ scavenging but rather to the scavenging of free radicals as was shown in cell free systems. In addition, TTF protected cultured neuronal cells from amyloid beta cytotoxicity via interference with cell signaling events and by reducing the amyloid beta-induced levels of intracellular ROS. Moreover, TTF exhibited anti-inflammatory activities and inhibited the LPS-elicited secretion of the proinflammatory cytokines interleukin 6 (IL-6) and IL-1beta from microglial cells. Our results suggest that TTF might be a therapeutic candidate for the treatment of Alzheimer's disease as well as other neurodegenerative diseases where oxidative stress, neuroinflammation and amyloid beta toxicity are part of the pathophysiology.



Note:



Torako Yui

The Japanese Homoeopathic Medical Association (JPHMA), Japan

Biography

Torako Yui has done her PhD in Homeopathy and she is a leading person in her relevant field in Japan. In 1996, she initiated full-scale introduction of homoeopathy to Japan where it had not existed at that time and succeeded in laying its ground-work there within a short period. Currently, there are 1.5 million homoeopathy users in Japan and 700 members of Japanese Homoeopathic Medical Association (JPHMA) that she serves as the honorary Chairperson. As many complicated and recurrent intractable diseases manifest in modern society, she has established ZEN Homoeopathy that treats soul, mind and body as a trinity based on her accumulated clinical experiences and studies of significant literatures by Dr Hahnemann. ZEN Homoeopathy enables to treat iatrogenic diseases and belief diseases (inner child) that Hahnemann regarded as incurables. Furthermore, it gives dietary advices, revives human's innate faith, leads patients to increase their spirituality and live their own life, thus results in high curative rate. She has contributed to development of homoeopathy by achieving 'Heilkunst (a real practitioner who treat in an integrated manner)' that Hahnemann advocated and expanding its possibilities.



Note:

ZEN HOMOEOPATHY—LEADING INTRACTABLE DISEASES TO BE CURED

What is ZEN Homoeopathy?

Diseases exist in levels of soul, mind and body respectively. Physical diseases often arise from diseases in soul and mind, thus they are required to treat soul, mind and body in the trinity. ZEN Homoeopathy means that three-dimensional treatments other than homoeopathy are added to three-dimensional treatments in homoeopathy (ZEN method) that treats soul, mind and body in the trinity.

Three-dimensional treatment in homoeopathy (ZEN method)

- Treatment of soul ... applying homoeopathic remedies (nosodes) that pathogens are highly diluted and dynamized. Pathogens, Worldly sense of value and inner child are closely related.
- Treatment of mind ... applying main homoeopathic remedies (stress remedies) that are led from a whole picture of a patient.
- Treatment of body ... supporting organs by combinations of mother tinctures, homoeopathic tissue salt remedies and homoeopathic remedies that have affinities to the organ. In addition to this, detoxing treatment by tautopathic remedies that are related to iatrogenic diseases, food-related diseases and environment-related diseases is also applied.

ZEN method is essential to treat incurable diseases.

Three-dimensional treatments other than homoeopathy

- Treatment of soul ... releasing worldly sense of value by healing inner child. Study of spirituality and faith.
- Treatment of mind ... releasing suppressed emotions by healing inner child.
- Treatment of body ... guiding a life style that does not intake unnatural matters. Herbal treatment and food treatment (vegetables that are grown with natural farming).

In this way, ZEN Homoeopathy includes inner child healing and spirituality development that I devised and food guidance in addition to art of homoeopathy. Although homoeopathic ZEN method increases curative rate dramatically, combining inner child healing and spiritual development gives further increase. ZEN Homoeopathy exerts marvelous healing effects in incurable diseases.



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Paolo Lombardi, Arch Gen Intern Med 2018, Volume 2 | DOI: 10.4066/2591-7951-C1-001



Paolo Lombardi

Naxospharma Srl, Italy

Biography

Paolo Lombardi is graduated from Milan University (Italy), PhD from Southampton University (UK). He has more than 35 years of experience in the pharmaceutical industrial setting and backgrounds in organic synthetic chemistry, process research chemistry, and therapeutic chemistry. He held growing positions in Farmitalia Carlo Erba R&D where he achieved the goal of discovering exemestane, launched in the global market under the name Aromasin™ for breast cancer therapy, and the clinical follow-on candidate Minamestane, as well as providing the relative manufacturing chemical technologies. As Vice-President for Chemistry in Menarini Ricerche, he fostered the discovery of sabarubicin, a third-generation anti-tumor anthracycline presently in advanced clinical studies. He acted as a Consultant for the pharma company IBI G Lorenzini and the French start up biotech Chrysalon, before setting up his own science business. He is the inventor of more than 70 patents in Medicinal and Process Chemistry, author and co-author of more than 150 research papers, reviews, abstracts, invited lectures and seminars.

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Note:

BERBERINE: AN EPIPHANY AGAINST CANCER?

Alkaloids are used in traditional medicine for the treatment of many diseases. These compounds are synthesized in plants as secondary metabolites and have multiple effects on cellular metabolism. Among plant derivatives with biological properties, the quinoline quaternary alkaloid berberine, a mainstay of the Traditional Chinese Medicine, possesses a broad range of therapeutic uses against several diseases. In recent years, clinical interest in berberine has strikingly increased. Moreover, the compound has been reported to inhibit cell proliferation and to be cytotoxic towards cancer cells by possibly implying targeting (post)-transcriptional control processes at messenger mRNA level. As a result, the appreciation by berberine of the difference of mRNA translational control between normal and cancer cells makes it a possible therapeutic opportunity against cancer. Based on this evidence, novel derivatives have been synthesized to improve berberine efficiency and selectivity. The results so far obtained on human cancer cell lines support the idea that they could be promising agents for cancer treatment. The main properties of berberine and new derivatives will be illustrated. Two promising berberine-derived drug candidates found to function as selecting suppressors of oncoprotein synthesis in mesothelioma and breast cancer, respectively, will be presented.

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Kyu Hyun Park

Pusan National University, Korea

Biography

Kyu Hyun Park is an Emeritus Professor of Neurology of Pusan National University (PNU) from March 2014. He is the Chairperson at Dept. of Neurology, Jungang Hospital. He was Professor of Neurology from 1989 to 2014. He received an MD in 1974 and a doctorate in Internal Medicine in 1984. He finished residency of Internal Medicine in 1982 and license of Neurology in 1984. He did research fellowship at UAB in USA in 1987. He was President of Korean Neurological Association and Director of Longevity Science of Technology and Institute of PNU. He has studied acupuncture since 1968, esp. Korean hand acupuncture (KHT) since 1982. He had lectures on acupuncture at internal conferences in Beijing, Shanghai in China, Kyoto, Fukuoka in Japan, UCI, USA and Harvard Medical School in USA, Graz in Austria, Hague in Netherland and Nanjing 2014, Hangzhou 2015, Xian 2017. He presented papers concerning KHT for more than 20 times since 1984 at Korea-Japan KHT Academic Meeting. He has membership of National Academy of Medicine of Korea, Korean Association of Internal Medicine, Korean Neurological Association, Korean Geriatric and Gerontology, Korean Dementia Association, International Headache Society. His interested fields are cerebral blood flow, headache, stroke, KHT.

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GOLD ACUPUNCTURE MODEL AND MIRCO-MERIDIAN ACUPUNCTURE MODEL OF KORYO HAND ACUPUNCTURE

Although acupuncture has been used in clinical practice for a long time, there are still opinions and pros and cons of its effectiveness in various theories and treatments. Koryo hand acupuncture therapy will be a new guideline for new acupuncture medicine or integrated medicine in the 21st century because it demonstrates the well-defined principles and theories of diagnosis and treatment. It is difficult to reach the goal of standardization or modernization without understanding the characteristics of acupuncture. We will have opportunity to understand the overview of Koryo hand therapy and the clinical application. Korean Hand Acupuncture Therapy (KHT) micro-meridian and gold meridian acupuncture have been developed since 1971. Micro-meridians in the hands reflect the corresponding points of the body, gold meridians in the body correspond to the micro-meridians of KHT. There are 14 meridians and 404 acupuncture points. They have unique theories and diagnostic and therapeutic methods comparing with traditional acupuncture. It is simple to learn and to practice without side effects. For them, only newly developed tools of KHT are used. They will be new candidates in clinical practice and research in the acupuncture world.