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Drug discovery a history of a pharmacognostic approach

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Since the ancient Romans and ancient Greek used medical herbs, the pharmacognostic profiles of medicinal herbs guaranteed cures and remedies for minor daily health problems. Over the centuries, the tradition of medical herbs has allowed many simple therapies and complex diseases treatment. This gave birth to a part of modern pharmaceutical chemistry at the end of the 19th century. It started by the extraction of active ingredients from medicinal herbs. During the twentieth century, chemical modification led natural molecules to it characterizes the discovery of new molecules. They were improving their pharmacodynamic and pharmacokinetic profile. Both the research and discovery of herbal medicine came from tradition, even though their study ran into nefarious errors. During my pharmacologist career, I combined endogenous pharmacological modulation systems looking for new therapies. The discovery of many drugs derives from pharmacognostic research and the ethnobotanical tradition. There is no doubt that the chemistry of pharmacognostic products leads to the extraction of complex structures sometimes. Indeed, the most fascinating part is the historical testimonies on herbs studied over the centuries by those who practiced them. The oriental medicine, as well as the ancient Aesculapius, Galen, Paracelsus and Hippocrates, used herbal medicine. Its uses still leave some surprises to those who practice Drug Discovery in this sense.

Biography

Doctor Antonio Steardo specialized in [Pharmacology and graduated in Pharmacy and Pharmaceutical Chemist](#). He has now gained years of experience since 2002 in the pharmaceutical products trade sector as he could have been behind the counter of the Steardo pharmacy from an early age. Already in elementary school, the curiosity for chemistry manifests itself during his games and continues lectures at the department of science at the University of Salerno. Therefore during the cycle of studies, he prefers biochemistry and biochemistry of drug action, graduating in July 2007 with a thesis on the functioning of the endocannabinoid system on [Alzheimer's disease](#) in pharmacology. Following the beginning of his [pharmaceutical chemistry](#) studies, he stopped for a competition as a postgraduate in pharmacology at the [University of Rome La Sapienza](#) in July 2014. Expecting constant improvement as a professional update, he enrolled in the continuing professional training department at the University of Oxford to follow courses in experimental and translation therapy and on medical research. His desire to improve leads him to attend international conferences and seminars.

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The effectiveness of leech therapy on the severity of diabetic neuropathy: A randomized controlled trial

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Background:

Diabetic peripheral neuropathy is one of the most common causes of disability in diabetic patients. Applying a method to achieve the highest therapeutic effect in patients is considerable. Therefore, the aim of this study was to evaluate leech therapy in diabetic neuropathy of lower limbs in comparison to gabapentin as a standard method.

Method:

This randomized controlled parallel-group clinical trial was conducted among patients with type II diabetes who were diagnosed with lower limb diabetic neuropathy and referred to specialized outpatient clinics of Babol, Mazandaran province, Iran from 23 September 2020 to 17 March 2021. Patients were randomly divided into two groups. One group treated with leech therapy and another group treated with gabapentin as standard method. The severity of neuropathy assessed any 15 days until 45th day. The VAS, NSS, NDS and EMG-NCV used for assessing study outcomes. The repeated measure and Friedman tests were used by SPSS.V.23.

Results:

The results of our study indicated that pain (P-value:0.03), numbness (P-value≤0.001) and paranesthesia (P-value:0.01) significantly reduced for patients with leech therapy versus patients with gabapentin in 45th day of study. The total NSS (P-value≤0.001) and total NDS (P-value≤0.001) improved considerably for patients with leech therapy over in 45th day and in comparison to patients with gabapentin.

Conclusion:

The results of our study showed that using leech therapy for patients with diabetic neuropathy was much better in comparison to chemical medications like gabapentin. The severity and symptoms of neuropathy greatly improved for patients treated with leech therapy versus patients with gabapentin.

Keywords:

Diabetes, Gabapentin, Iran, Leech therapy, Neuropathy.

Biography

Dr Haleh tajadini is from [Kerman Medical University](#), Kerman Iran. she studied in [Rafsanjan University of Medical Sciences](#) she is working on Treatment patient with [Traditional Persian Medicine](#) and research in this field. Her research interest is [Complementary and Alternative Medicine](#).

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Bio cellular healing (BCH) system

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Developing Bio Cellular Healing System based on the premise that cell is the building block of our Body Mind System (BMS) and our health depends on the health of the building blocks cells.

What are the factors on which the health of the cells depends and how the cell health can be improved? The health of the cells depends on mainly two factors namely KI and KETSU. KI in Japanese stand for Energy and KETSU for Blood.

In Bio Cellular healing we have methods to improve cellular health. Secondly human cells have life which varies from few hours to few days, few months, and few years. Medical people say that within one year people get almost the new body.

If we can ensure that new cells are healthy, body can overcome almost any diseases-physical, mental, and emotional. For this Raj Kumar Dham has developed a procedure for creating the energetic environment around cells to prevent transfer of disease from the dying cells to new cells. This ensures new cells are disease free and are healthy.

Based on this Raj Kumar Dham has developed a new healing system-Bio Cellular Healing (BCH) System which he will be presenting. The Bio Cellular Healing System has the potential to influence the manifestation of DNA and Genes for genetical problems/diseases also.

He will be discussing the application of this new system and how it has been helping.

Biography:

Raj Kumar Dham B.E.,D.I.I.Sc;MD(AM) is a Healer, Motivational Trainer and Life Coach. He is the Founder Member of ATAMABODH, Centre for Learning and Healing. He is alumnus and guest faculty at I.I.Sc. He worked as Head of Management Services Department of Bharat Electronics Ltd., Ghaziabad. He is a Trustee of People's Trust, an NGO which has adopted 18 villages for total development. At the Trust, he looks after Health, Education and Environment. He is in charge of Holistic health and is planning for setting up a International Holistic Health/ Healing Centre. He is also the Trustee of the [Institute of Health and Cosmic Harmony](#) dedicated to spreading Holistic Health Movement through camps, talks workshops. He is member of [Integrative Oncology](#) Group at NH Hospitals, Mazumdar Shah Cancer Centre, Bangalore. Fellow member Yoga and Meditation Group at LinkedIn and is a top contributors. His book "Your Back is the Backbone of Your Health" published in 1996 by IOHCH and he was awarded a Gold Medal by IHMA for his contributions to the society for the cause of Holistic Health in 2001. Based on the research work of more than two decades jointly with Prof.Dr.K.N.Krishnaswamy, developed BMP (Body Mind Programming) for Self – Development/ Self – Transformation aimed at living a Healthy and Happy Life. Based on BMP he has also developed Heart – Mind Yoga; BMP KRIYA , and Cellular Level Healing. He has published more than a dozen papers, two books, presented papers at International Conferences and has won many medals and awards. His paper "Application of IE in the Hospital" was declared as the best paper presented at the IIIE Conference and was awarded Silver Medal. His main goal is to improve the Quality of Life of people through BMP and Holistic Health and Living.

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