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ACE factor deficiency theory & its application in diabetes mellitus type II

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There are more than 300 theories that explain aging and anti-aging. Most of the Chinese medicine doctors and the homeopathic doctors created theories, and each according to their own vision and experience. Some theories were created to promote certain products and some were only to get some fame. On the other hand, the western medicine focused more on the pathogenesis and explanation of the diseases. The etiology occupied the main portion of their researches that explain the diseases and try to find their cures. No doubt, it is very important to know the etiology and to use it to be able to get the proper treatment. Imagine a city that was subjected to three different types of catastrophes, an earthquake, a tornado and a typhoon. The objective here is to rebuild this city and to restore its function. Knowing the general cause of the destruction will help us to take the proper damage control, but we can't rebuild it depending only on damage control. For example, if the cause of destruction is nuclear bomb, then continuous survey for the irradiations will help in preventing lots of side effects in the future, but eventually we need to rebuild the buildings and pave the roads and restore the infrastructure regardless of what type of bomb it. The cause of the destruction may help in the fine adjustment of the process of rebuilding, but not the general plan of restoring an entire city to its former glory. When it comes to the general reconstruction plan, there are two types. The first would be a slow but steady plan, in which we provide a systematic reconstruction plan build on small number of resources over a long period of time. The second plan is to provide a massive amount of resources over a condensed period of time. The first case is risky because the fewer resources one might have the more risk of delay one might get if any resource became faulty. In the second case there would be rapidly expanding renovation and there might be excess in resources once everything is restored based on my observations, I noticed the second case happening when it comes to using the peptides and cell therapy applications in either treating diseases or rejuvenation. Diabetes mellitus type II, we have multi-level complex destruction of the cells. Either on the level of B cells in the pancreas or the receptors in the target organs. In this lecture, we discuss the process of repair of B cells and how adjusting the level of regeneration can affect the HbA1c levels.

Biography

Alaa Abdelkarim has 27 years' experience in the field of Endocrinology, Diabetes Mellitus and Cellular Therapy. He graduated from Cairo University Medical School and joined several overseas posts in the fields of Endocrinology and Diabetes with main focus on treating diabetes complications and using the cellular therapy in controlling the damage. Reverse the damage is the main title of his China-German joint research project. One big scientific project resulted in more than 80 patents in 2016.

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