

Global Scenario in Anti-Aging & Regenerative Medicine

Anti-Aging ve Rejeneratif Tıp: Global Senaryo

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ABSTRACTIn most societies around the globe, people are living more and more longer ; this is thanks to the Improvement of the health care system and socio-economic conditions on the one side, and on the other side, to the rapid development of the Anti-Aging Medical science which is progressing with high speed , in particular in the field of biotechnologies, genetics, nutrigenomics, stem cells, molecular biology, energetic medicine, nutrition , preventive medicine, aging-therapy through dietary supplements, hormesis, rejuvenation, detoxification, regeneration, body-parts replacement using bioengineering, biogerontology, age-friendly environment , medical SPA.

The objective of this lecture is to bring light to all those aspects and interventions in AAM, and to point out what are in reality the efficient interventions and those who are not.

The rapid pace of technological innovation reflects in fact two contrasted sides :

On one hand, measures are suggested to allow new technologies to be developed without administrative and state harrassment for the benefit of patients (stem cells policy in some countries, therapeutic cloning...)and on the other hand, further researches and quality control with double-blind placebo-controlled trials are needed to avoid any potential harm or risk of non-tested enough products (f.ex : The Patton protocol TA for telomerase activation, nanotechnology...) in order to protect the elderly population and to avoid any critics against AAM.

In order to survive, AAM needs a strong strategy against all kind of detractors, in particular the conventional and traditional physicians all over the world and big pharmas. To do so, the following steps should be achieved :

1. Teaching AAM as a post-graduate diploma from eminent universities,
2. Establishing an efficient AA Medical protocol relying on evidence-based latest state-of-the art scientific discoveries,
3. Publishing International magazine on AAM and dissemination of information to the Public opinion on the benefits of AAM,
4. AA specialists should collaborate with the political power to find practical solutions for the socio-economic and ethical implications of longevity,
5. Establishing of serious centers for AA in different countries,
6. AA specialists should not be seen as commercial practitioners and must be good entrepreneurs,
7. AA movements all over the world should be unified .

The presentation will develop all those aspects of AAM and will discuss some of the policy, legislation, researchs, etc..

In the end, the lecturer will give his opinion, personal recommendations and his predictions on the future of AAM , and on longevity in general.

Key Words: Anti-aging, regenerative medicine, longevity