

## “Anti-Aging and Regenerative Medicine” - Cognitive/Physical Enhancement Program and Pain De-Sensibilization Research State

Nicola Sarandria \*

\*Medical Media Services, Italy.

Published February 17, 2023

### ABSTRACT

This abstract is focused on assessing the current technologies and current state of the research in the field of anti-aging and regenerative medicine. Furthermore, there will be an assessment of what aging is, namely, as a part of a biological process of alteration and decay of vital functions. Thanks to recent years of research, science and medicine can provide a support program for aging. Protocols can be formulated using modern and EBM (Evidence-based Medicine) technologies which have been proven to act on cellular ageing and pain modulation. Different protocols, which include an array of different professionals ranging from clinical psychologists to medical doctors, there is an increase in the focus on cellular regeneration and organ enhancement coupled with recovery programs and cognitive enhancement can be actuated for special job profile individuals. From Hyperbaric oxygen therapy to Pulsed electromagnetic therapy and targeted nutraceutical supplementation, this abstract focuses on emerging and rooted technologies in the field of anti-aging medicine. Pulsed Electromagnetic Field Therapy (Having experience in the field for the last six years). In recent scientific literature, it is documented that the deep brain stimulation via electromagnetic fields (EMFs) modulates the neurophysiological activity of the pathological circuits and produces clinical benefits in certain patients with neurodegenerative disorders. EMFs are applied for tissue regeneration because of their ability to stimulate cell proliferation and immune functions via the HSP70 protein family. Hyperbaric treatment (HBOT- hyperbaric oxygen therapy) The findings indicated that the treatments actually reversed the ageing process in two of its major aspects: The telomeres at the ends of the chromosomes grew longer instead of shorter, at a rate of 20%-38% for the different cell types. This review includes current research status on aging-reversal technology, including the amazing results from Dr Shai Efrati and Hachmo et al 2020 study published on Aging.

**Keywords:** Aging, Anti-aging, Regenerative medicine

**Corresponding author:** Nicola Sarandria, Medical Media Services, Italy, E-mail: nicolasarandria@gmail.com

**Citation:** Sarandria N. (2023) “Anti-Aging and Regenerative Medicine” - Cognitive/Physical Enhancement Program and Pain De-Sensibilization Research State. J Cancer Sci Treatment, 5(S1): 08.

**Copyright:** ©2023 Sarandria N. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.