

11th World Congress on

CELL & TISSUE SCIENCE

May 09-10, 2018 Tokyo, Japan

Stem cells: Systematic approaches into combating inflame aging, immune boosting and improving sports excellence

Ivona Igerc
Biosmart, Hong Kong

Stem cells are well known to help to neutralize tissue destroying activities of IL6 and TNF Alfa - two of those important factors which we both find in aging and in excess sports activities. The definition of aging is converted out from the association of aging and inflammation in the subtle doses which bring us to the definition of inflame aging. If aging can be considered like a type of subtle inflammation, then stem cells as immune modulators should be more than welcome therapy, in aging tissues and organs. Within sports medicine, with systematic stem cell approach we can prevent injuries, of soft tissues (tendons) and boost the immune system and annulate the traces of inflammation which makes part of recuperating after big sports efforts, hard training and powerful and exciting spirit matches, so hard and long to cope with. Sportsmen must recuperate as fast as possible and continue daily training and sports habits. With aging and in sports medicine as well as with immune-boosters, the approach and the favorable therapy are intravenous fat-derived stem cells. The number is yet to be defined, but a good quality of I.V. should contain around 200 million autologous fresh adipose-derived stem cells. The cell expansion takes place in the lab and duration of the cell expansion is around 2 weeks' time. The amount of fat we need to process is at least 50 cc of fat. The new way of fast processing and the more sophisticated and precise lab work makes a revolutionary step out from the standard liposuction and imprecise equipment with not exact cell numbers and no possibility for cell expansion. The therapy of autologous, fat-derived stem cells is safe, can be measured and predicted. It is repetitive, and it is meant for healthy individuals with a wish to enhance the sports excellence and performance, as well as anti-aging and amino boosting.

ivy.ivona@yahoo.com

Notes: