

Stem Cell THERAPY, Human Longevity and ELSI.

幹細胞醫學與長壽回春的迷思

Drugs for “longevity” and “rejuvenation” have always been a dream of human. With rapid advance of stem cell research and regeneration medicine, it seems that “May human live more than 120 years” becomes possible and no longer a fantasy..

Scientists are working on the basic mechanism of aging and finding ways to counteract or “cure” them. Longevity studies are being conducted by respected scientists (rather than quacks) with sound reasons for staking their careers on the notion that it is possible to slow down aging and maybe even reverse it, while stem cell therapy apparently plays an important role.

Stem cell tourism to scholars or institutions providing unproven stem cell interventions has been a controversial issue. Also, clinics marketing “adipose-derived stem cell treatments” are proliferating in many countries including Taiwan. Regulation on stem cell therapy is nowadays a hot topic in international conference.

The ELSI (ethical , legal, social issues or impact) in the field of regeneration medicine and rejuvenation is very important in the era of stem cell therapy. We are going to discuss these issues from 3 aspects: researchers, business and regulators.