The Second Cyprus Symposium

'Pathways to Indefinite Lifespans'

University of Nicosia

24 May 2014

The ELPIs Foundation for Indefinite Lifespans and the Cyprus Neuroscience and Technology Institute in association with the University of Nicosia, are co-organising the second Cyprus symposium 'Pathways to Indefinite Lifespans'. The first such symposium took place in May 2013 and it is specifically aimed at the virtual eradication of age-related degenerative pathologies. The purpose of the symposium is:

- To study any mechanisms, including non-biomedical ones that may be useful in eliminating the process of ageing in humans
- To exchange ideas and theories on this subject
- To explore new methods, and suggest suitable therapies for the total elimination of age related pathologies, and for achieving radical life-span extension.

The content and scope of the meeting is necessarily experimental and, at times, speculative, but it intends to set the scene in the field of radical life extension. We are not merely concerned with living a healthy life up to the age of 100-110 years, but we aim to study novel approaches which may eliminate the process of human ageing completely.

This ground-breaking meeting is regarded as a milestone by many expert scientists worldwide. It expands on biological approaches and discusses diverse subjects such as cybernetics, systems theory, systems biology and biotechnology, digital hyperconnectivity, information theory and entropy, reproduction and evolution, conflict resolution, universal co-operation, and similar.

The meeting will take place at the Newton Amphitheatre of the University of Nicosia, on Saturday 24 May 2014

Programme **(all times are local to Nicosia, Cyprus)**

09 00 Marios Kyriazis, *Introduction and setting the scene*

09 30 Yiannis Laouris (Cyprus Neuroscience and Technology Institute): *Cybernetic concepts*

10 00 Prodromos Philippou (Consultant Urological Surgeon Apollonion Private Hospital): *Hypogonadism and fertility*

10 30 Atanu Chatterjee (Researcher, Complex Systems, Indian Institute of Technology): *Self-organising systems, emergence*

11 00 Kostandinos Voskarides (Molecular Medicine Research Center, University of Cyprus): *Genetic elements in human evolution*

11 30 Andreas Pitsillides (Professor of Computer Science, University of Cyprus): *Internet of Things*

12 00 Discussion

12 30 Lunch Break (sponsored by International Antiaging Systems)

14 00 Shima Beigi (Faculty of Engineering, University of Bristol): *Complex Adaptive Technical and Social Systems*

14 30 Kyriakos Felekkis (Department of Life & Health Sciences, University of Nicosia) *Small non-coding RNAs (microRNAs) in Ageing*

15 00 Franco Cortese (Research Scientist, ELPIs Foundation for Indefinite Lifespans): *Induced Cell Turnover*

15 30 Joshua Mitteldorf (Evolutionary Biologist, Massachusetts Institute of Technology): *Evolution in Ecosystems*

16 00 Cadell Last (Evolutionary Scientist, The Global Brain Institute): *The end of biological reproduction*

16 30 Discussion

17 00 Close

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