

4th Annual Summit on CELL AND GENE THERAPY

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Sudden Unique Mass-social Self-symmetry between Proteins to Humans**Magnus S. Magnusson***University of Iceland, Human Behavior Laboratory, Emeritus Research Professor director, Iceland*

Mass-societies of multicellular organisms are only found in social insects (since >100 million years) and in modern humans since only some thousands of years, but since then human population sizes have seen explosive growth with human knowledge and technology growing even faster, and humans suddenly becoming by far the most powerful and capable species ever, an event reminiscent of the Cambrian Explosion, but happening in a biological eye blink. Strikingly, this cooccurs with the organisation of human mass-societies reaching unique self-similarity (absent in social insects) with those of the protein mass-societies in each cell; both using giant T-patterned physical strings, T-strings, DNA or TEXT, to form individuals.

The T-pattern and the T-string structures are defined and illustrated with T-patterns detected with THEMETM (PatternVision.com) in human and neuronal temporal interactions, and T-strings detected in proteins and text. Underlining their analogous structure and function on the same biomathematical continuum, mass-religions and collaboration and competition between molecular and textual T-strings, such as molecular and textual viruses, is discussed in this context.

Biography

Magnus S. Magnusson, PhD, Emeritus Research Professor is founder and director of the Human Behavior Laboratory (hbl.hi.is), School of Health Sciences, University of Iceland. Author of the T-system, detection algorithms and software THEMETM (PatternVision.com), initially focusing on real-time organization of behavior. Co-directed of two-year project "DNA analysis with Theme". Keynotes in biology, neuroscience, mathematics, science of religion, proteomics, A.I., robotics and nanoscience. Associate Professor and Deputy Director 1983-1988 in the Museum of Mankind of the French National Museum of Natural History, Paris. Repeatedly, invited Professor at the University of Paris V, VIII & XIII. Now works in formal collaboration between 39 European and American universities initiated 1995 at the University Rene Descartes of Paris V, Sorbonne, based on "Magnusson's analytical model". Main interest in mass-sociality, T-patterns, T-strings, external memory and biomathematical self-similarity from nano to human scales.

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