

# Homotoxicology: An Introduction

*Following the interest in Europe and the UK, this treatment integrates basic medical sciences with the principles of homeopathic medicine. Professor Michael Kirkman, ICM Adviser in Homotoxicology explains:-*

## **What is homotoxicology all about?**

Basically it's all about present-day scientific immuno-pathology and molecular biology. Homotoxicology is about viewing the human body as an 'open system', which is the centre of energy and material change. Thus disease can be viewed to be the result of actively poisonous substances (exogenic and endogenous toxins) acting within 'the cybernetically controlled flow system constituting man'. These toxins provoke defensive mechanisms for the purpose of rehabilitating the disturbed flow equilibrium (homeostasis).

In 1957 Professor Alfred Pischinger (University of Vienna) presented his concepts about Ground Regulation. Pischinger's system of Ground Regulation, or Biological Matrix as it has come to be called, is defined as a functional unit of the final vascular pathway, the connective tissue cells, and the final vegetative-nervous structure. Within these structures is the extra-cellular fluid and associated lymph systems, "the milieu interior" of homeostasis. This system is universal throughout the organism and is the area of physiological activity in respect of basic vital functions, body self-regulation and life support.

The work of Pischinger and others has indicated that all organs and their cellular components are dependent on the dynamic flow within the Matrix (mesenchymal flow of constantly changing thermodynamic sol/gel open to its environment concerning information, matter and energy exchange) for optimum health and function.

The Matrix has three main functions: nutrition, defence and repair; while also containing many cellular elements, i.e. in particular, white blood cells, macrophages and mast cells. It responds to stimuli and is the seat of many an immunological action and pathological action (inflammation). Furthermore, it is the seat of action for many of the exogenous (pollutant) and endogenous (metabolic and oxidant) toxins.

Thus, this brief outline of Matrix Regulation leads to the theory of "Homotoxicology" of Dr HH Reckeweg (also concerned with the dynamic flow system) who defined a toxin as "any noxious influence disturbing the delicate dynamic flow balance", which in human terms became 'homotoxin', including infectious agents. Reckeweg considered that acute inflammation is an action by the body (especially the Matrix) to remove from itself the 'disease-producing' homotoxins. However, he also considered chronic inflammation to be 'disease-provoking' which results from suppression of acute inflammation, recurrent infection, intoxication or auto-immunity.

It is on this plane that Reckeweg formulated his "Homotoxic and Homotoxicosen" (Aurelia Verlag, Baden-Baden, 1955). Dr Reckeweg purported that disease has three main categories.

- a. Excretory events - common colds, diarrhoea, vaginal or intestinal discharge
- b. Depository events - fatty tissue, lipomas, calculi, rheumatic nodules, cysts, atheromas
- c. Degenerative events – cirrhosis of the liver; pernicious anaemia, leukaemia, carcinoma, sarcoma.

Dr Reckeweg then formulated the essential tenet of Homotoxicology thus: Disease is the expression of a resistance struggle by a cybernetically controlled flow system (the Matrix again) against endogenous and exogenic homotoxins. Disease, therefore, he concluded is the expression of biologically purposeful defence mechanisms, or the expression of the organism's effort to compensate for the toxic damage it has sustained.

Dr Reckeweg then put forward his concept of the Greater Defence System, thus:

1. Reticulo-Endothelial System – (humoral defences), storage of poisons, antibody formation.
2. Adeno-hypophyseal – supra-renal-cortex defensive system – (humoral defences), regulation of the cortex of the supra-renal gland, and connective tissue (Matrix) stimulation and arrest of inflammation.
3. Neural Reflexes – (neural defences), excitation or irritation syndrome (involving Central and Autonomic Nervous Systems), neural therapy and acupuncture.
4. Connective Tissue Detoxification function (humoral and cellular defences), storage of toxin, antigen – antibody reaction, inflammation, formation of leukocytic cells, lymphocyte and macrophage defences.
5. Detoxification of the Liver - (humoral defences), acid linkage, toxin storage, and homotoxic coupling.

Reckeweg's system is very much complementary to Energy Medicine, indeed to immunology, especially in terms of molecular biological concepts. Indeed, in some ways, the immunological bystander reaction is cited as one example of action in Antihomotoxic Medicine, and equally in respect of mediators that activate ground regulation.

Also, Reckeweg's system is in accord with the present day Psycho-Neuro-Endocrine Immunological orientated thinking and accepted concepts of linkage in relation to immunopathology; i.e. neurotransmitters, neuropeptides, and neural links (especially thymus gland, bronchial and gastric associated lymphoid tissue – BALT and GALT).

Equally, Reckeweg's thesis and practice of Anti-Homotoxic Therapeutics fits in admirably with the cybernetic flow system concepts of Pischinger and von Bertalanffy, based on the definition 'Cybernetics – the service of communications and automatic control systems in both machines and living things... Cyber' words relating to electronic communication network and virtual reality" (shades of bio-energetic medicine and homoeopathic function here). Indeed, it is at this level that Dr Reckeweg's System can be deemed to provide a link between allopathic and classical homoeopathic approaches to diagnosis and therapy.

Similarly, firm association can be made with Pischinger's Matrix and Matrix regulation in terms of update cellular and molecular biology. The links here between the advanced bio-molecular research, especially in terms of cytokines, interleukins, major histo-compatible complexes, immuno-globulins, motif formation in amino acids, tumour necrosis and growth factors. These immuno-pathological entities become paramount integers, with the known bio-electronics and bio-magnetic factors at this stage, as energy flow determinants are becoming known in the human being.

Thus, total modern-day, bio-scientific research and rationality is in accord with Reckeweg's principles of yesteryear.