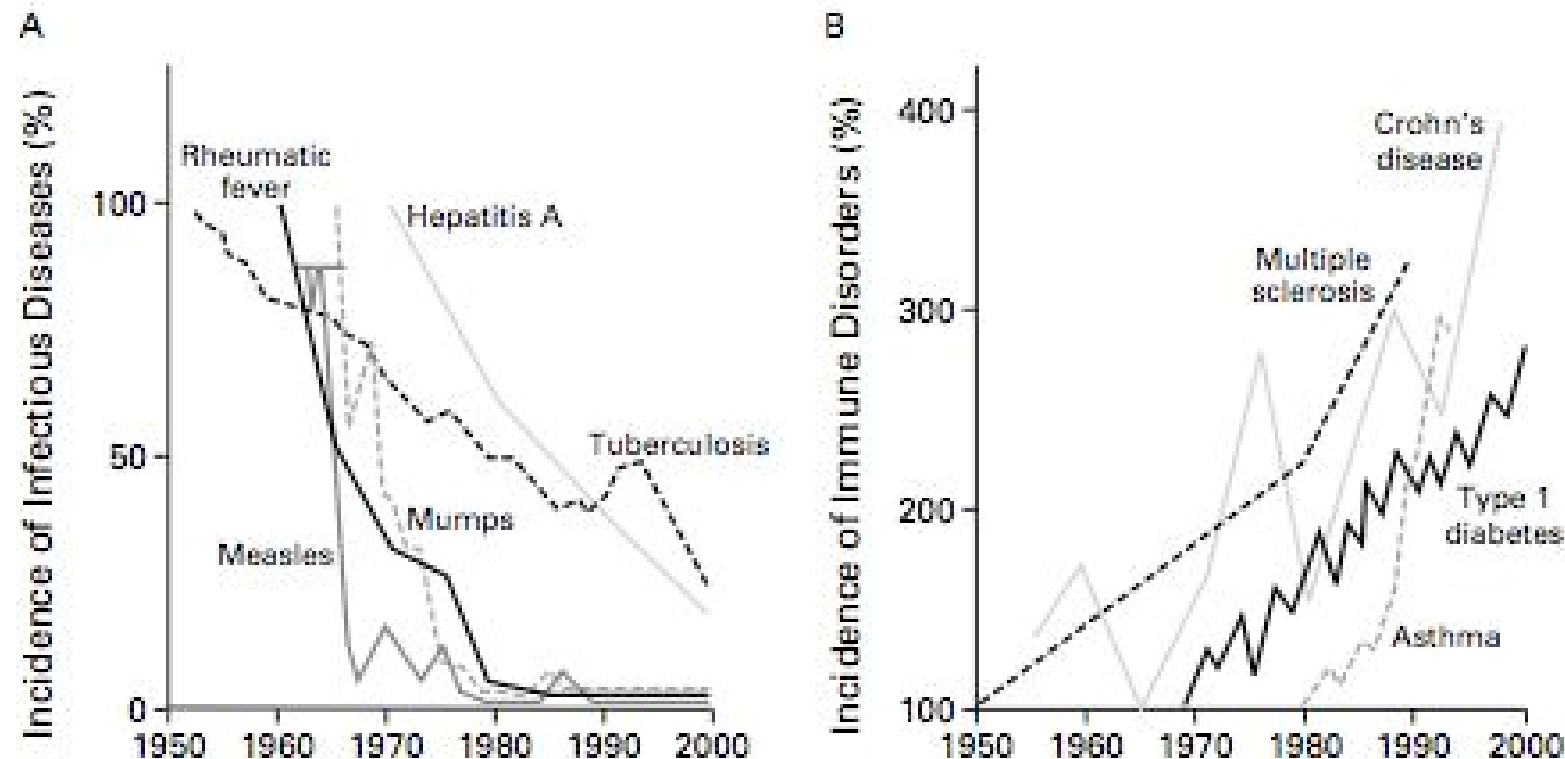


**systemic disease autoimmune thyroiditis**

**interdisciplinary collaboration:  
Homeopathy  
microimmuno-therapy  
orthomolecular therapy**

# continuous increase of allergic and autoimmune diseases for 50 years accompanied by the decrease of infection diseases



**Figure 1.** Inverse Relation between the Incidence of Prototypical Infectious Diseases (Panel A) and the Incidence of Immune Disorders (Panel B) from 1950 to 2000.

In Panel A, data concerning infectious diseases are derived from reports of the Centers for Disease Control and Prevention, except for the data on hepatitis A, which are derived from Joussemet et al.<sup>12</sup> In Panel B, data on immune disorders are derived from Swarbrick et al.,<sup>12</sup> Dubois et al.,<sup>13</sup> Tuomilehto et al.,<sup>14</sup> and Pugliatti et al.<sup>15</sup>

## **autoimmune thyroiditis – a systemic disease**

- Autoimmune thyroiditis is part of a multifactorial, chronic inflammatory systemic disorder:
  - Autoimmune thyroiditis is part of a multifactorial, chronic inflammatory systemic disorder that is reaching epidemic levels in recent years
  - and in its course often leads to a very serious state of chronic disease.
  - Clinically especially dysfunctions, such as fatigue, susceptibility to infections, digestive disorders, weight problems and depressive mood are in the foreground.

# **autoimmune thyroiditis – a systemic disease**

- In traditional medicine, there is neither a concept for pathophysiology, nor for the causal treatment of autoimmunity.
- In regular checks, beside a thyroid sonography, only the doses of thyroid hormones given is being adjusted in terms of substitution therapy.
- Concerning psychosomatic complaints only psychotherapeutic interventions are recommended which can indeed help and make sense, but doesn't refer to the specific pathophysiological peculiarities of the functional somatic level.

## **autoimmune thyroiditis – a systemic disease**

### **Homeopathy**

- Homeopathy may often calm down the symptoms of autoimmune thyroiditis, but unfortunately has little influence to the dynamics of the underlying systemic chronic inflammation.
- It often happens that the patients in spite of consistently applied homeopathic therapy
  - end in a thyroid hypothyroidism due to a “burned-out” thyroid
  - and additionally develop further autoimmune chronic inflammatory processes in other organs in the course.

## **autoimmune thyroiditis – a systemic disease**

- A possible interdisciplinary therapeutic concept to slow down the dynamics of this systemic autoimmune disease significantly and thus avoid manifestation of hypothyroidism while the patient is in a good health condition:

**autoimmune thyroiditis – a systemic disease**  
**Interdisciplinary therapeutic concepts**

- **Homeopathy**
- **microimmuno-therapy**
- **specific orthomolecular nutritional therapy**

## **autoimmune thyroiditis – a systemic disease**

- **Homeopathy**

- in the sense of a "constitutional remedy"

in addition to acute remedies if necessary.

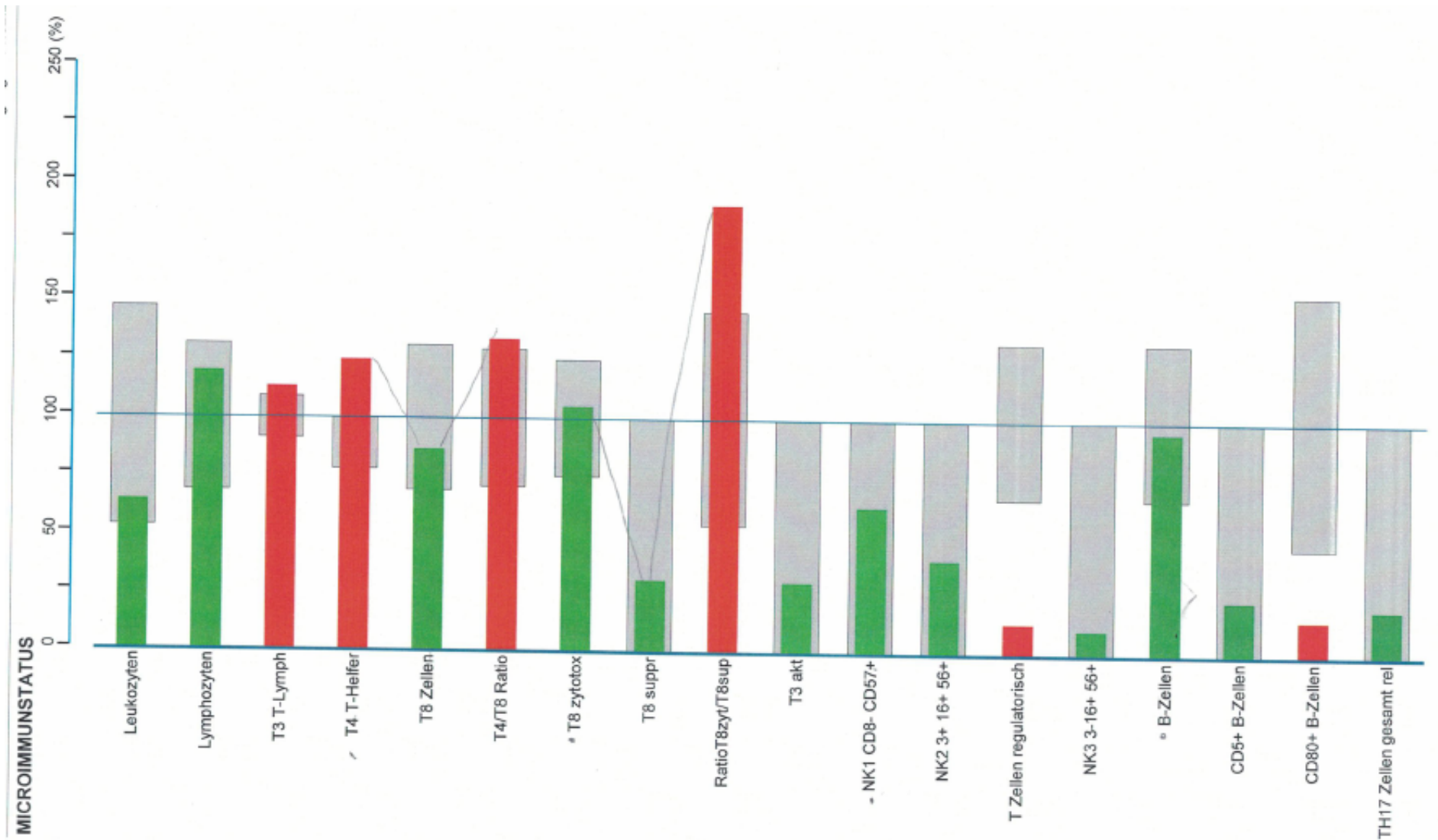


**autoimmune thyroiditis – a systemic disease**  
**microimmuno-therapy**

- **immunological diagnosis** (lymphocyte typing)
  - for elaborating the causes of autoimmunity (viral, bacterial, (silent) inflammation in the bowels)
- **microimmuno-therapy**
  - application of potentiated immune messengers to influence and modulate the immune system to restore autotolerance.

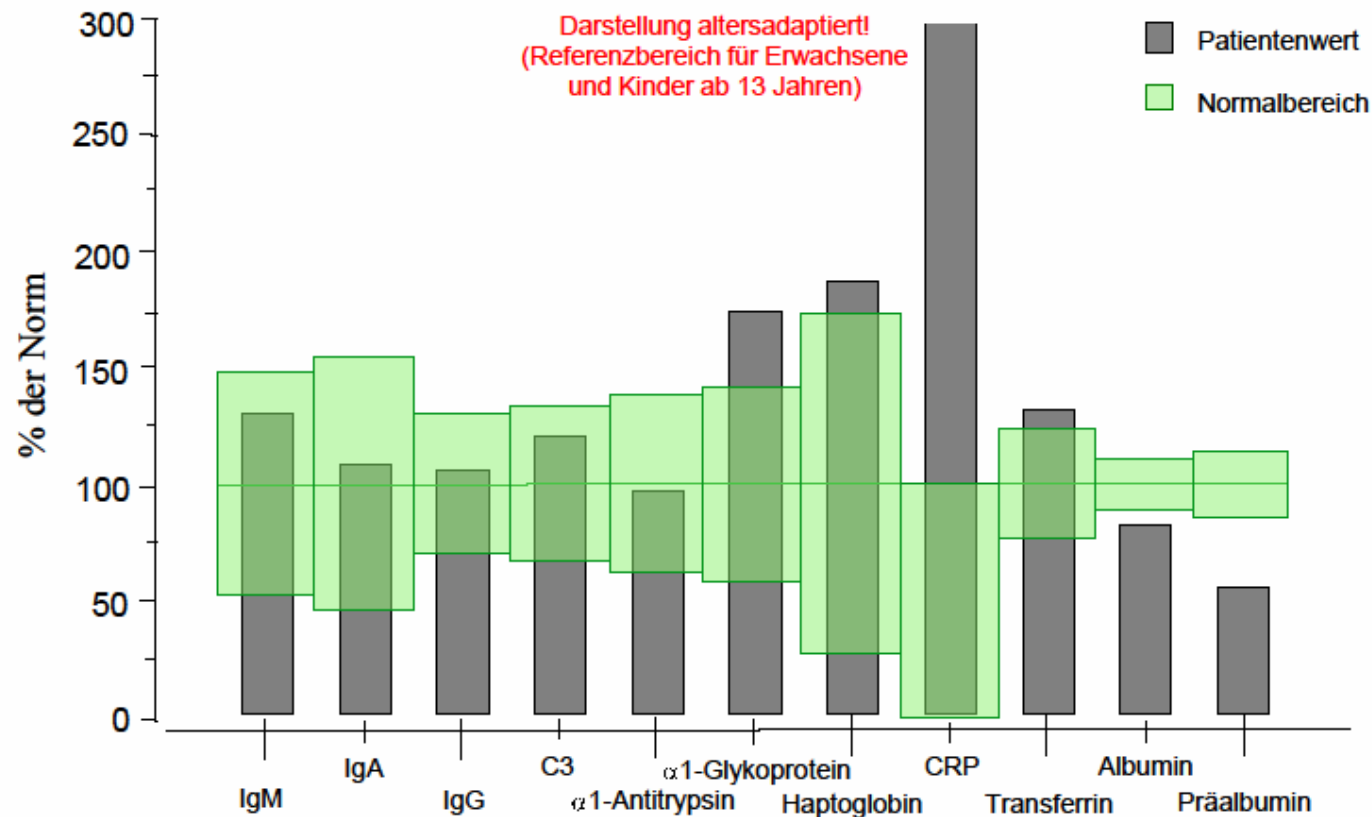
# microimmuno-therapy – diagnostic tools 1

## the lymphocyte typing



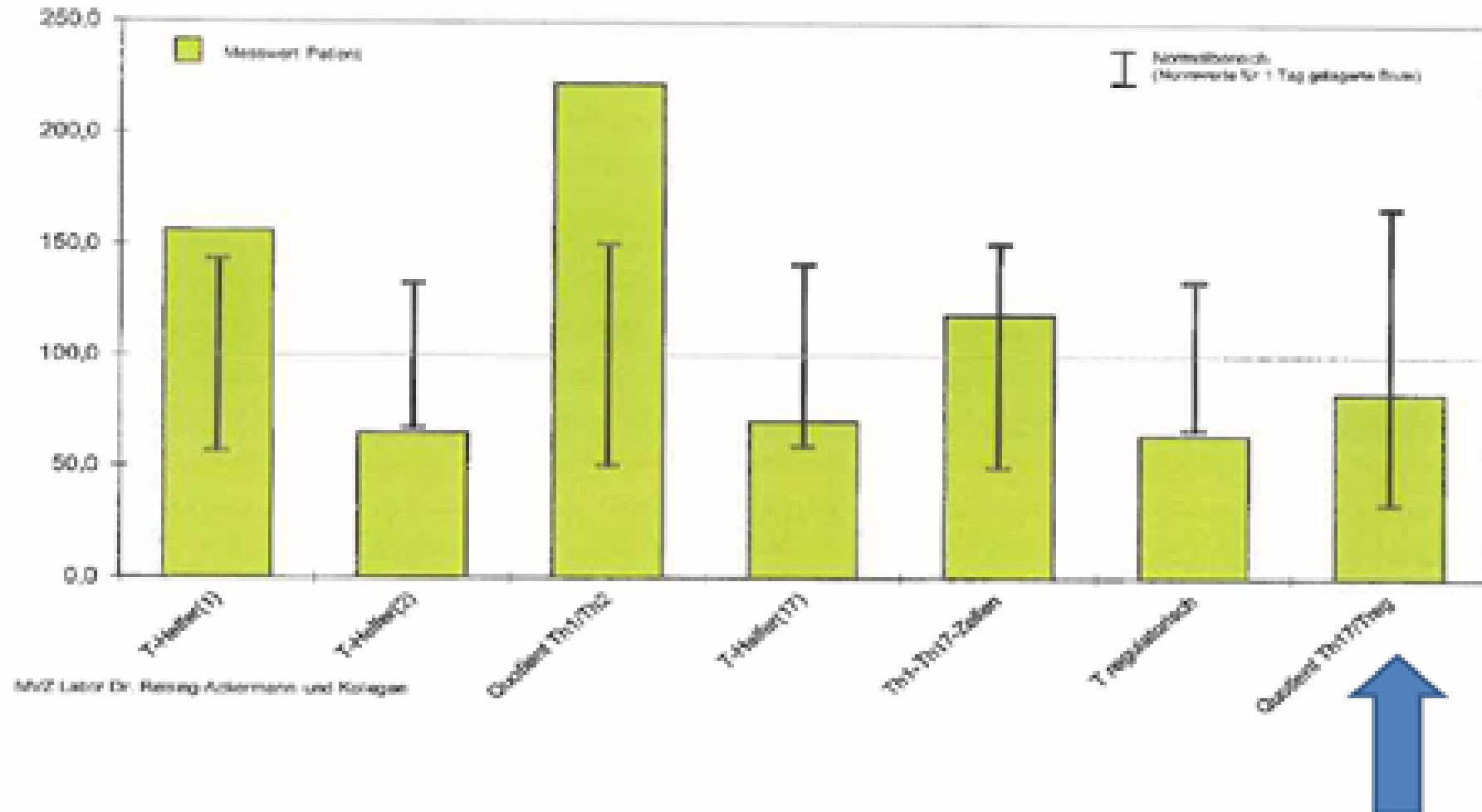
## microimmuno-therapy – diagnostic tools 2

typical pattern of elevated inflammatory proteins in the so called microimmuno-therapeutic serum protein profile in a patient with M. Hashimoto

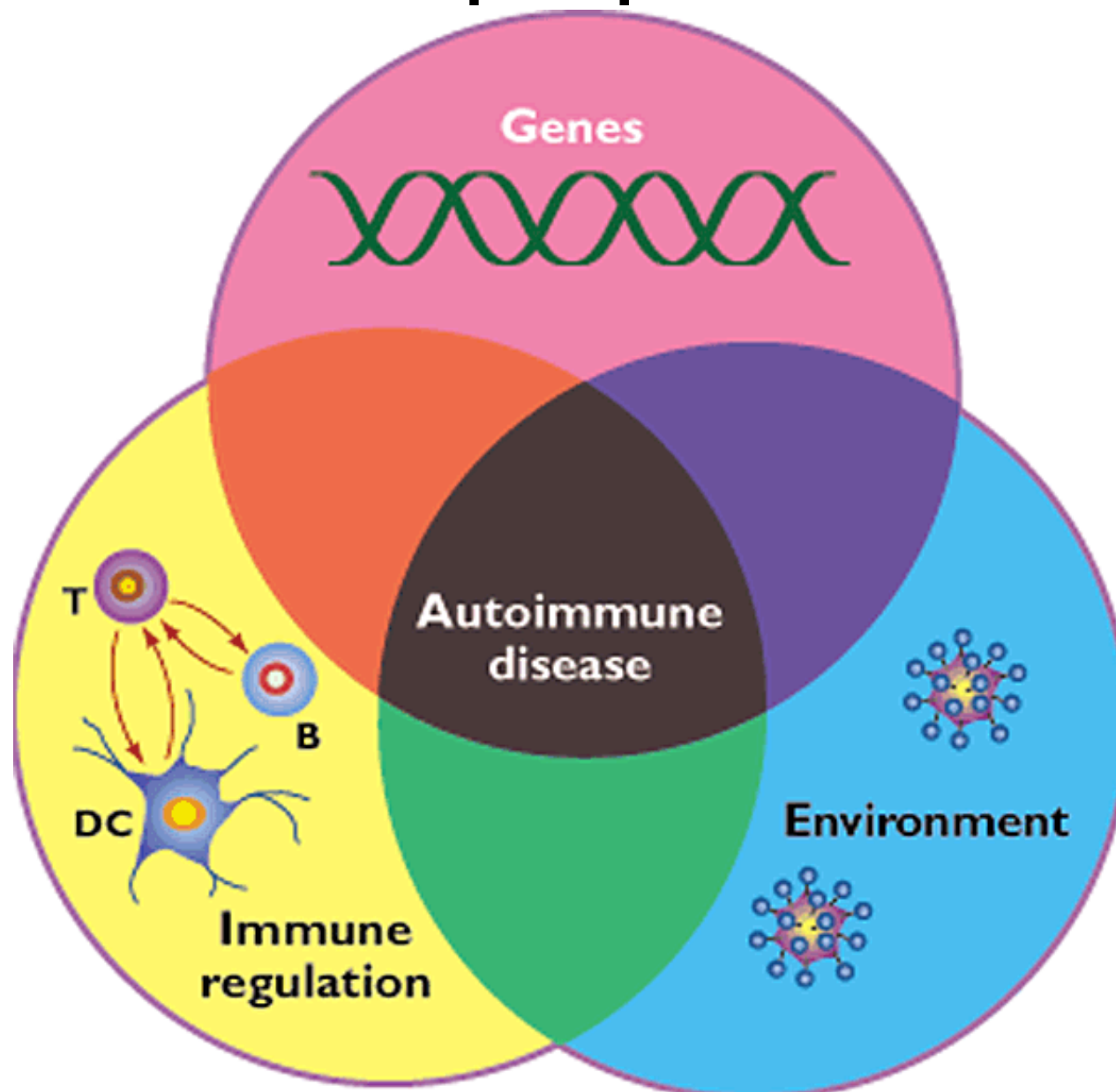


# microimmuno-therapy – diagnostic tools 3

## the TH1-TH2-TH17-Treg-module



# triangle of factors causing autoimmunity- a complex process



# the definition of autoimmunity

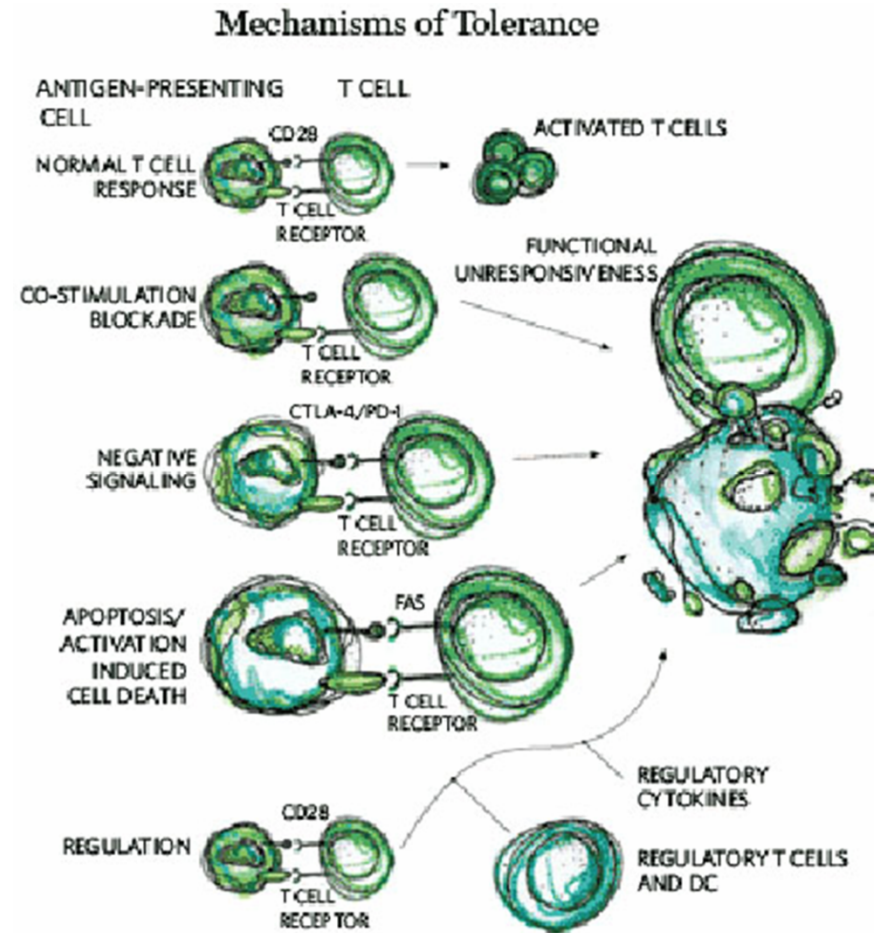
loss of autotolerance  
controlled by T-reg

autoreactive T-Lymphocytes

autoreactive antibodies

prolonged inflammation  
on a high level

The immune system is in a permanent compromise  
between self-tolerance and the force of bodies defences  
against pathogens.



**autoimmune thyroiditis – a systemic disease  
microimmuno-therapy –  
a complex therapy for a complex disease**

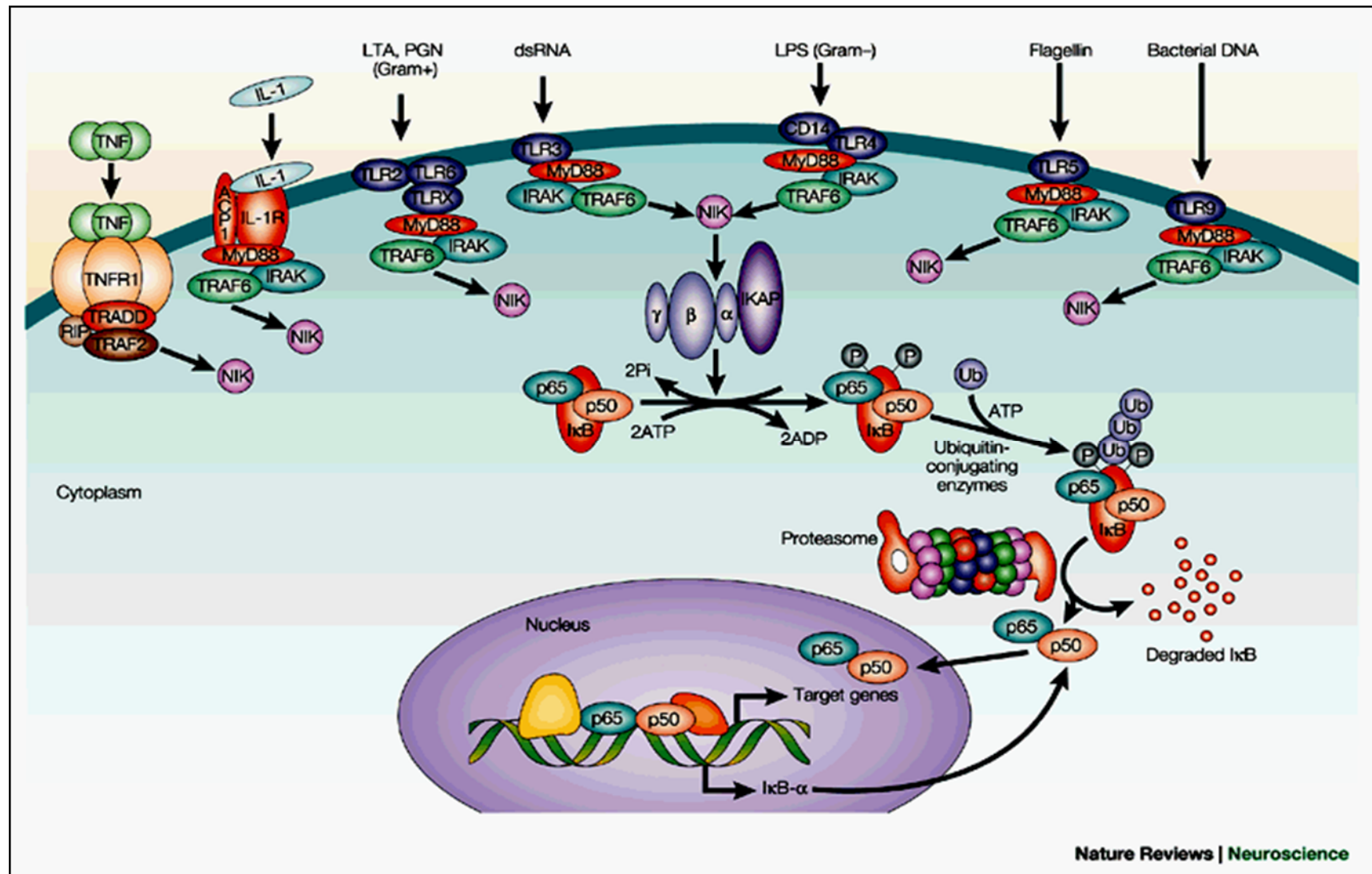
- to restore autotolerance : AUTIMREG
- to diminish the permanent presentation of self-antigens : HLA-SMM-NOSODE CH 27
- to calm down the permanent production of self-antibodies : SELF-BLOOD-HIGH-POTENCY K 10.000
- to anticipate the inflammation : 2L INFLAM

# MIT and HLA and AI

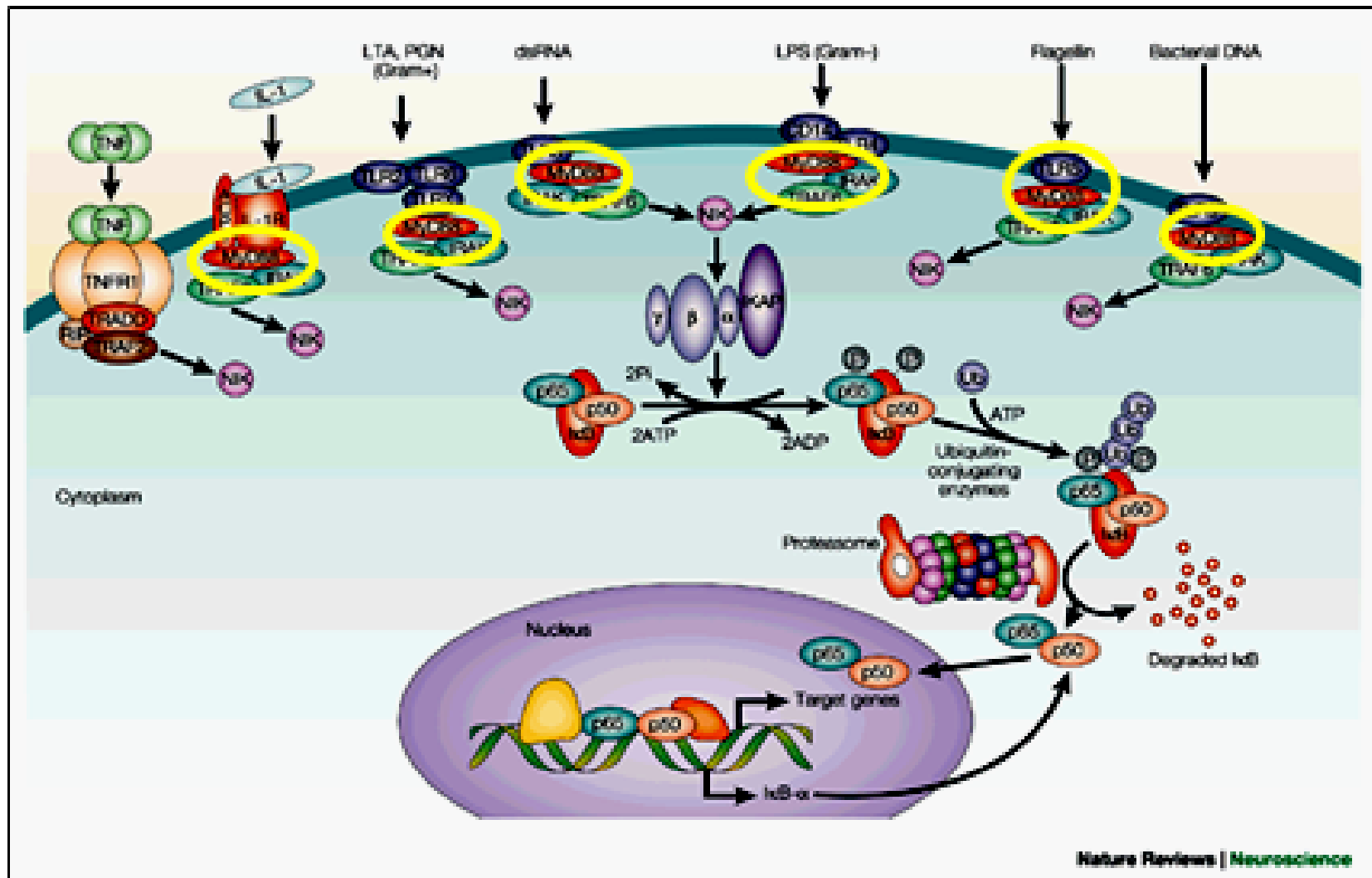
- **AUTIMREG 3 capsules / week**
- **HLA-SMM-Nosode CH27 1 cps. daily**
- **Self-Blood-Nosode K 10.000 = XMK ,  
2 globules daily.**
- **2L INFLAM 1 – 2 caps. per day in the  
beginning, 1 caps.after recovery**



# receptors of the surface of the cell and their associated pathways



# micrommuno-therapy working with key molecules of the innercellular pathways – e.g. MyD 88



**RESTORE AUTOTOLERANCE by physiological  
immune molecules in potentised dilutions**

**FORMULA : AUTIMREG**

**Interleukin 1 / Interleukin 6 / Interleukin 17 / Interleukin 18  
Interleukin 21 / Interleukin 23**

**ROR $\gamma$ t / STAT-3 / TL1A-DR3** **aa 30 CH**

**Foxp3 / Interleukin 2** **aa 9 CH**

**Interferon Gamma / Interleukin 4 / Interleukin 27 / ETS1** **aa 4 CH**

**miR-181a / miR 181 a** **aa 17 CH**

**CTLA-4 gene / PTPN 22 gene / CD 40 gene /ICOS gene** **aa 17 CH**

**TGF Beta / AHR / IRF 4** **aa 15 CH**

**Interleukin-23 / 23R / Interleukin 25 / 27 / ROR $\gamma$ t / ROR /  
BATF / E-FABP 4** **aa 30 CH**

**Compositio cytokinae et factores transcriptiones**

**autoimmune thyroiditis – a systemic disease**  
**microimmuno-therapy**

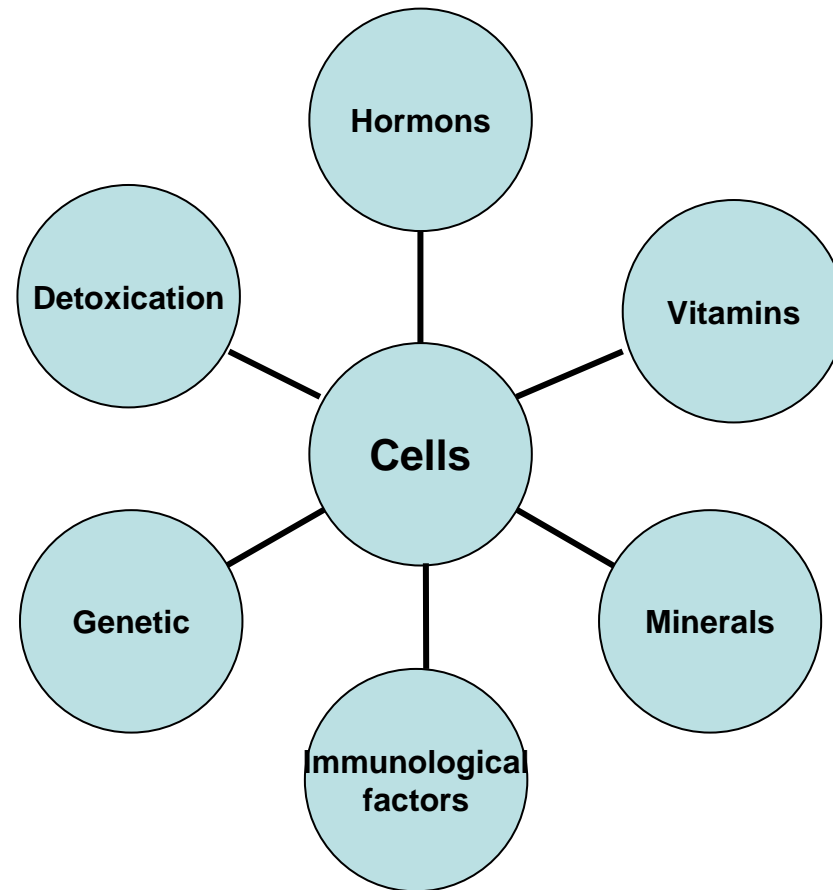
It needs time and experience to restore  
autotolerance by microimmuno-therapy  
but it leads to noteworthy results.

**Autoimmune thyroiditis – a systemic disease**  
**Specific Orthomolecular nutritional therapy**

- **Specific Orthomolecular nutritional therapy** in therapeutic doses to treat dysfunction of the cells after concrete lab-diagnostic.
- **Aim:** Support of cellular regulation capabilities

# **Autoimmune thyroiditis – a systemic disease**

## **Specific Orthomolecular nutritional therapy**



# **Autoimmune thyroiditis – a systemic disease**

## **Specific Orthomolecular nutritional therapy**

- Improving cellular resources by Orthomolecular nutritional therapy:
- Minerals
- Vitamins
- Hormonal balance
- Intestinal Symbiosis
- Mitochondrial function

## **Autoimmune thyroiditis – a systemic disease**

### **Specific Orthomolecular nutritional therapy**

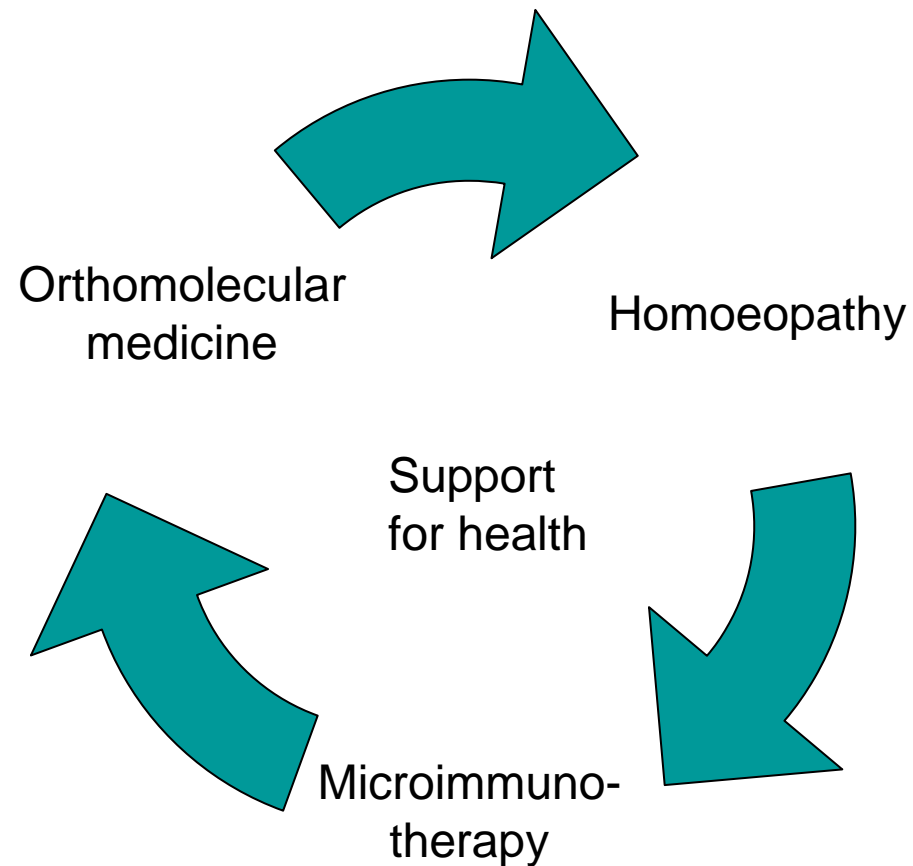
- **Some substitute substances which are very important at AIT:**
- Selenium
- T3, progesteron
- Vit D-25-OH (as an immunomodulator), calcium, magnesium, Vit. K2, Vit. A
- B12, biotin, fols and active B6 (P5P) with under therapy a low homocysteine (5-7 $\mu$ mol/l)  
The need for B6 and also zinc and manganese can be very high. (genetic factors!)
- Q10/ubiquinol (mitochondrial function)



## **autoimmune thyroiditis – a systemic disease**

- Please stay aware of:
- Autoimmune thyroiditis is part of a multifactorial, chronic inflammatory systemic disorder
- Affected patients require multifactorial support

## autoimmune thyroiditis – a systemic disease



## Autoimmune thyroiditis – a systemic disease

- Thank you for your attention.
- We will be glad to answer your questions.
- Contact:
- [Ina@chammah.de](mailto:Ina@chammah.de)
- [praxis-schlegel@freenet.de](mailto:praxis-schlegel@freenet.de)