

WHAT IS EPIGENETIC?

Epigenetics is a young biological-scientific branch of research. The word „epigenetic“ comes from the Greek and refers to a „subsequent formation“. It is concerned with a wide variety of substances and environmental factors and their effects on human health. It is scientifically proven that these factors can have an unfavorable influence on important genetic processes. We encounter many of them regularly in our everyday lives. They enter into our bodies via food, drinking water, the air we breathe, and through skin contact. At first, the accumulation of these substances apparently has no consequences. However, they demonstrably cause and influence disease-relevant processes. In many diseases they are at least involved, in some even causative.

Examples of such critical substances and environmental factors include:

- Auxiliary materials from the agricultural and Food industry
- Emissions from road, air, and shipping traffic
- Workplace, construction and industrial pollutants
- Excipients in care and cosmetic products
- Problematic pharmaceutical substances
- Plastic particles and dissolved excipients from plastic products
- An unfavorable personal lifestyle

Epigenetics therefore contributes to a better understanding of diseases and enables new approaches to diagnostics and therapy.

IN WHICH DISEASE PATTERNS ARE EPIGENETIC FINDINGS AVAILABLE?

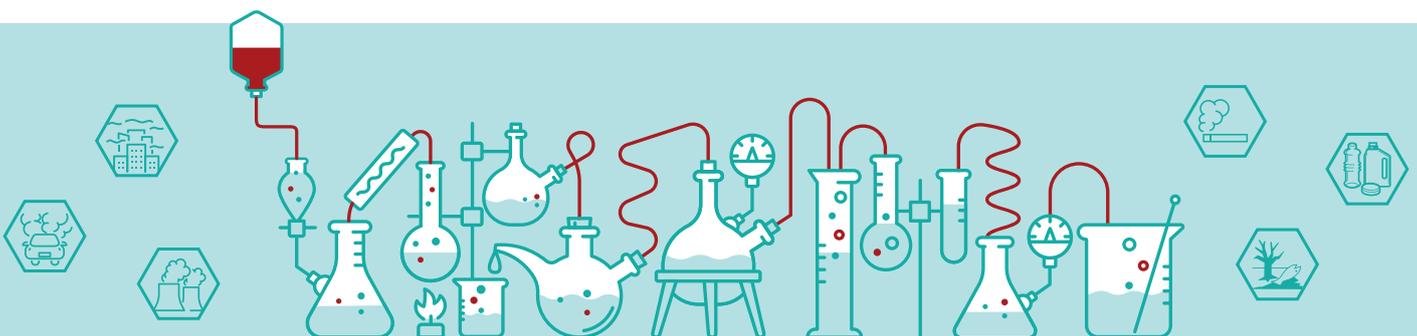
Since the entire structure and all functions of our body are genetically controlled, an epigenetic disorder can never be ruled out.

In principle, an epigenetic disorder cannot be ruled out in any disease. Many cases are sometimes complicated and severe. Patients are often under a high level of suffering and are considered to be out of treatment. Therefore, the only remedy of choice is often the alleviation of the most important symptoms.

The IGL laboratory in Wittbek is specialized in the field of epigenetics and supports your attending physician in further diagnostics and therapy.

We are all regularly confronted with clinical pictures from the following areas:

- Autoimmune diseases
- Cancer
- Allergic diseases
- Diseases of the brain and nervous system
- Chronic-inflammatory diseases
- Diseases of the hormonal and metabolic balance
- Intolerance to foodstuffs or their ingredients
- Disease patterns of unclear cause: e.g. the chronic fatigue syndrome



HOW CAN AN EPIGENETIC LABORATORY TEST HELP ME?

We check whether and which unfavorable changes in epigenetic functions are present. If the causes of such influences are identified, they are usually reversible. Our findings enable in-depth diagnostics. In cooperation with your physician,

we jointly develop a suitable therapy plan. The cause and course of the disease can thus be favorably influenced.

WHAT DOES AN EPIGENETIC LABORATORY TEST COST?

The laboratory costs result from the type and scope of the necessary analysis. They are listed transparently and completely on our examination form. This is requested from us by your physician. With him/her we draw up a suitable analysis concept - with our expert support if you wish. The basis for this is your initial diagnostic situation and your clinical picture.

If you agree to the examination and the total costs incurred, your physician sends us a blood sample and the completed examination form. After the laboratory analysis and evalua-

tion, we hand over the findings to your doctor.

Finally, you will receive an invoice from us. The costs are usually only covered by private health insurance companies. We recommend that you obtain confirmation of cost coverage in advance. If necessary, please contact your health insurance company in this regard.

HOW CAN I ORDER AN EPIGENETIC LABORATORY TEST?

Talk to your doctor and express your interest. Your attending physician will contact us and organize the appropriate examination. We will then take care of all further necessary measures.

If you have any questions, we will be happy to advise your doctor at any time.

CONTACT FOR THE ATTENDING PHYSICIAN

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