## **Immune Systems**

Two aspects affect the state of immune systems in humans, animals and plants: antibiotics and allergies. And in addition there are the vaccines. Let's begin with the human immune system and concentrate on cities.

Newborn babies receives their mother's immune status. They hence are not helplessly exposed to harmful pathogens. Nevertheless, many infants receive antibiotics in their first year of life. In other words, doctors and parents do not trust the child's immune system. They do not allow it to build up its own defences to fight off the pathogens of a modern world.

When children are given antibiotics, they conveniently are cured instantly. Parents pay and thus increase the return of pharmaceutical companies. Rebuilding the digestive system, disturbed by antibiotics, raises another question. Who benefits, who suffers damage...? Digestive systems depend primarily on natural food and suitable plants. Again, the child does not get what it needs to be healthy. Again pharmaceutical industries (and its suppliers i.e. the waste producers) benefit.

What are antibiotics? They are isolated in labs from various metabolic products of bacteria and fungi, marketed as medicine. The first antibiotic thus isolated was penicillin. It develops on mould cultures, is effective against unicellular pathogens and was first recognised by Alexander Fleming in 1928 as an effective remedy against inflammation. This first and all other antibiotics, which since are largely chemically produced, were effective against pathogenic bacteria, which initially provided great relief in the fight against wounds infections, syphilis, sepsis and many more diseases. They were not effective against viruses. And they are still not effective against viruses.

For comparison: In plants and substances such as ginger, garlic, onions, vinegar and honey - to name but a few - antibiotics occur naturally. These are effective against bacteria **and** viruses. They are part of every healthy kitchen.

Due to the often completely ineffective use of chemically produced antibiotics in the treatment of humans, and their ever-increasing use in meat-producing animal husbandry (i.e. in fish and meats on the dinner plate) many bacteria now are resistant to chemical antibiotics.

What has happened? Human immune systems are weakened. Bacterial immune systems are strengthened. As a result multi-resistant bacteria and ever new viruses now are the threat of the day. The only beneficiary of named antibiotics abuse was and is the pharmaceutical industry. They, and medical systems (curiously at the risk of their own lives) are the only beneficiaries of the Corona Pandemic 2020. Yes, and did not Kant as early as the beginning of the 19th century warn against the results of self-inflicted immaturity?

Allergies, on the other hand, are the indication of an **under**employed immune system. With nothing to do, it begins to combat supposed enemies and attacks itself. This problem was most likely triggered by exaggerated cleanliness. Today, with ever more foreign substances in air, water, food and medicine, it is no longer detectable exactly what triggers a given allergy. Personal individual malfunctions can range from annoying to life-threatening. What is normal for one person is an allergen for another.

In addition to the general human, animal and plant immunodeficiencies of our day and rapidly spreading susceptibilities to malfunctioning comes the threat of new vaccines. They may well save individual lives. In the total picture they once more suppress human immune efficiency. Nothing is known about additional side effects.

Cloaked as requests for help, mankind - at least in metropolitan areas - may soon depend on chemical industries for life. Distant from the soil they depend on transported food stuff, produced and conserved chemically. They eat meat products infested with antibiotics, they breathe toxin impregnated air and no longer wonder why physical failure is rampant.