

that this cancer cell has been cultivated apart from the animal in which it originated.

The theory of embryonic rests, chemical stimulation, some external organism living in the cancer cell, are all empty phrases according to Sir Henry. They cannot account for the qualities of the cancer, which he puts thus: "Implant the normal cell and you cannot make it live. Implant the cancer cell and you cannot kill it."

If the cancer cell be a new creature he regards it as being nearest to the protozoa, so near that it is difficult to keep it out of the protozoa. There is difficulty in admitting that the cancer cell is a new created being, but there is no alternative. The facts are plain and cannot be otherwise interpreted.

There are two features that must be borne in mind. One of these is that the cancer cells destroy all other tissues they come in contact with, and the other is that they never revert to any normal form of cell or tissue.

As time goes on the tumor breaks down, ulcerates, and reaches the surface somewhere and becomes infected with various bacteria, and the new formation becomes septic. This accounts for many of the sufferings of the patient.

Investigation has shown that in some way constant irritation induces certain cells to take on this independent form of protozoal life. It looks as if the work that is now being done points to the possibility of a near solution of this disease that has held its secrets so long.

A MARTYR TO SCIENCE.

Those who have lost their health or their life in the search for scientific truth are many, and the world goes on as if it was but little indebted to them, or forgetful of the fact that the comfort of millions has been purchased with the life of these workers.

An instance of this has occurred recently in the case of Dr. F. S. Pepperdene, of London, England. He was one of the early workers in x-ray therapeutics, and did much to perfect the appliances for this system of treatment. He lost one hand by the action of the rays, and is at present suffering with disease in the other.

As the result of this disease he has been forced to take a lengthy rest in the hope that he may recover from the affection. Experience has shown that there is considerable danger to x-ray workers in the production of cancer, blindness, severe burns, and other disorders.