

which was the generally accepted theory of the origin of life, and was taught as such by scientific men in every country of the world.

Pasteur arrayed himself single-handed in open conflict against this army of hostile disputants, and boldly asserted and defended the christian dogma and scientific principle of "*Omne vivum e vivo*." The whole fabric of Christianity depended upon the truth of Pasteur's contention.

His success in this great undertaking was so overwhelmingly complete that his enemies fled ingloriously, leaving him in sole possession of the field. He thus gave the death-blow to the teaching of Evolutionists by destroying the very foundation upon which their doctrine rested, and effectually annihilated every other theory as to the origin of life, except that which is founded upon the incontrovertible basis of christian truth. His labors on the subject of diseases effecting the brute creation have been of incalculable value, and according to Professor Huxley, Pasteur's services to France alone in his saving treatment of the silk-worm was of greater pecuniary value than the five billion francs or the whole of the war indemnity paid to Germany.

Prior to the discovery of the germ origin of epidemic diseases, Medical Science rejoiced in the proud title of the "Healing Art" and the efforts of medical practitioners were directed entirely to the cure of diseases. Pasteur showed how diseases could be prevented as well as cured and also that the human system could be rendered immune against the morbid action of disease—producing microbes even after the latter had already invaded the circulation.

These were no haphazard discoveries accidentally hit upon, but were the results of many years of deep research and patient toil. The effect of these discoveries has been to revolutionize the entire system of sanitary science and to make it the mainspring of Medical Practice. This is the department of Medical Science which is now receiving most attention from medical men, and one from which the greatest results are expected to follow.

Edward Jenner, the discoverer of vaccination against smallpox, the God-sent Saviour of the human race, was the unconscious promulgator in practice of Pasteur's developed theory of the present day.

Jenner found the germ of small-pox already attenuated in the vaccination of the cow, and the practice of vaccination instituted by him as a safe-guard against small-pox has won for Jenner the undisputed honour of being the greatest benefactor of the human race who ever lived.