products of parasitic life, and such diseases may take the most terrible opidemic forms, as in the case of the silkworms of France in our day. Now it is in the highest degree important to know whether the parasites in question are spontaneously developed, or are wafted from without to those afflicted with the disease. The means of provention, if not of cure, would be widely different in the two cases.

But this is by no means all. Besides these universally admitted cases, there is the bread theory now broached and daily growing in strongth and clearness-daily, indeed, gaining more and more of assent from the most successful workers and profound thinkers of the medical profession itself-the theory, namely, that contagious diseases generally are of this parasitic character. If I had heard or read anything since to cause me to regret having introduced this theory to your notice more than a year ago, I should here frankly express that regret. I would renounce in your presence whatever leaning towards the germ theory my words might then have betraved. Let me state in two sentences the grounds on which the supporters of the theory rely. From their respective viruses you may plant typhoid fever, scarlatina, or small-nox. What is the crop that arises from this husbandry? As surely as the thistle rises from a thistle seed, as surely as the fig comes from the fig, the grape from the grape, the thorn from the thorn, so surely does the typhoid virus increase and multiply into typhoid fover, the scarlatina virus into scarlatina, the small-pox virus into small-pox. What is the conclusion that suggests itself here? It is this :- That the thing which we vaguely call a virus is to all intents and purposes a seed. that in the whole range of chemical science you cannot point to an action which illustrates this perfect parallelism with the phono. mena of life - this demonstrated power of self-multiplication and reproduction. There is, therefore, no hypothesis to account for the phonomona but that which refers them to parasitic life.

And here you see the bearing of the doctrine of Spontaneous Generation upon the question. For if the doctrine continues to be discredited as it has hitherto been, it will follow that the epidemics which spread have amongst us from time to time are not spontaneously generated, but that they arise from an ancestral stock whose habitat is the human body itself. It is not on bad air or foul drains that the attention of the physician will primari-