

1. Enlargement of lymphatic glands, liver and spleen.
2. Round celled infiltration, diffuse and circumscribed, resembling lymphomata, especially perivascular, principally in lymphatic glands, spleen, liver and lungs, less commonly in the kidneys.
3. Slight thickening of the connective tissue in all the viscera.
4. More or less marked and extensive atrophy, and necrotic processes, involving the parenchymatous cell (of lymphatic glands, spleen, liver and lungs, but especially the liver and kidneys) in special relation with the inoculated infectious agent.
5. A slight, but indubitable arteritis, always more pronounced in the spleen and lungs.

All in all, the changes bore a close resemblance to those in leukemia and pseudoleukemia. From a comparison of the two cases of pseudoleukemia the inference is drawn, that the degenerative and neoplastic processes may present great variations in individual cases, the one may preponderate to such a degree that the other may be almost wanting. The fact that micrococci found in the blood and lymphatic system in all three cases were alike, that in one case they were found three and a half months before death, and finally that it was possible to induce in rabbits, anatomic changes resembling those found in leukemia and pseudoleukemia, appears to Verdelli to afford strong confirmation of the view that there is a causal relation between the micro-organisms and the disease. As suppuration was not observed in any of the cases, and only exceptionally in any of the experimental observations, it is to be concluded that the virulence of the micrococci was attenuated, the pallor of the colonies and their decolorization under certain conditions, likewise indicating a lessening of chromogenetic activity.

So much for Buckingham—or rather Verdelli—and as that is the latest thing I have heard on the subject, for whether his experiments have been confirmed or his influences disputed, I know not, so I will now finish what is a long, and perhaps tiresome paper by remarking, as I said at first, that there remains a good deal to be found out yet, before the disease is satisfactorily explained.