

From these different layers of cells, or membranes, are developed all the tissues and organs of the human body.

Why does the same activity within the contents of a single cell result in the formation of the different complex tissues and organs of the body? The creative force from above being the same, we must look to the conditions on the lower plane for an explanation. The

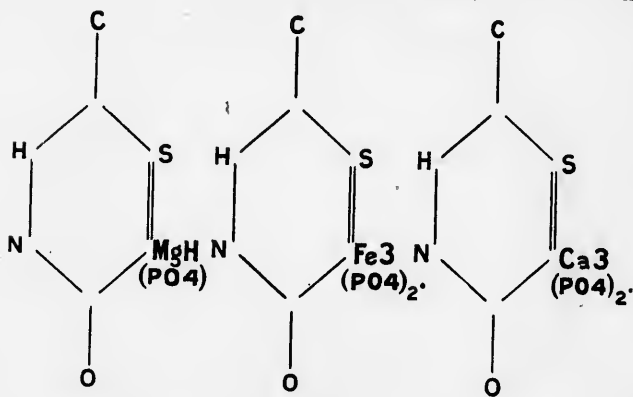


FIG. C.

Diagrams Illustrating Principles governing Cell Division.

elements entering into the formation of the cell contents determine the structure, and through it, the formation of the cells. These elements are both fixed and volatile. The fixed elements act as centres around which are collected the volatile to form the cell. For example, the *phosphate of magnesium* [Fig. 6, $MgH, (PO_4)$] is the fixed base of cells composing the nerve tissue; *iron*