

in the blood serum and cells it seems to me that cell and nuclear membranes play an important part. A cell membrane by allowing one substance to pass through while preventing others may render a double decomposition complete. As these changes are usually hydrolytic or synthetic, one would expect concentration to favor the latter. It is, therefore, quite probable that hydrolytic changes predominate outside the cells and condensations in their interior. In other words, the condensation enzymes are principally intra-cellular, the hydrolytic extra-cellular.