re 20 kinds of amino acids of the proteins of life, and ord which these are not the chains spells what in creates—flesh or bone, ther. The scientists have to manufacture all these is under presumed prinditions. Dr. Kaoru Hable to synthesize 14 in a triment.

nswer to one question is ino acids by themselves to primitive protein-like der certain conditions—a cell to help them.

final question remains.

I these proteins form

II, with its millions of

molecules carefully ar
precise pattern?

ap. The primitive prolong before living cells he precisely ordered prosent-day plants and anilihave acquired their arrangement in the any relions of years of r. Ca. In estimates that e must have evolved for ears before the first liveared.

g this great leap, makliving cell in the laboratory, may take a while. But it now appears that we've begun. The most striking experiment, which has produced crude cell-like spheres that maintain their identity and are capable of dividing themselves, is truly fantastic and has taken us a giant step along the pathway toward understanding the origin of life.

Again, the experiment was run by Dr. Fox. To reconfirm his laboratory findings, he climbed up the broad slope of a cinder cone in Hawaii, looking for spots where conditions might have permitted primitive proteins to form in the pre-life world. He was surprised to discover that large areas of the cone were ovenhot just beneath the surface. Might not this warm primitive earth have been the womb for the molecules of life—where they could bake and boil, before being washed through the loose lava by a cloudburst and so into the sea? What would this have done to the elemental amino acids?

Dr. Fox took hunks of lava back to the laboratory and placed on them amino acids coined from methane, ammonia and water. With everything sterilized to avoid contamination, he baked this concoction for a few hours in a glass oven at 338° F., the temperature he found four inches under the surface of the cinder cone. When the materials cooled, a brown, sticky residue was left clinging to the lava. He then deluged the lava with sterile water, and a brown soupy liquid resulted.

This unpromising stuff turned

Is 65F irregularity a problem?

Often a simple change in what you eat for breakfast can overcome constipation. Even the stubborn kind.

This is because a common cause of irregularity is lack of wholesome food bulk.

If your diet is short on bulk, a serving of Kellogg's All-Bran every morning can put you right back on schedule.

Kellogg's All-Bran has an abundance of the food bulk our bodies need every day. Contains no drugs or medicines. Promotes natural regularity in a pleasant, dependable way.

Made by Kellogg's of Battle Creek, "the Corn Flakes People". Try it.



For more than 40 years America's favorite way to get the beneficial bulk of bran.