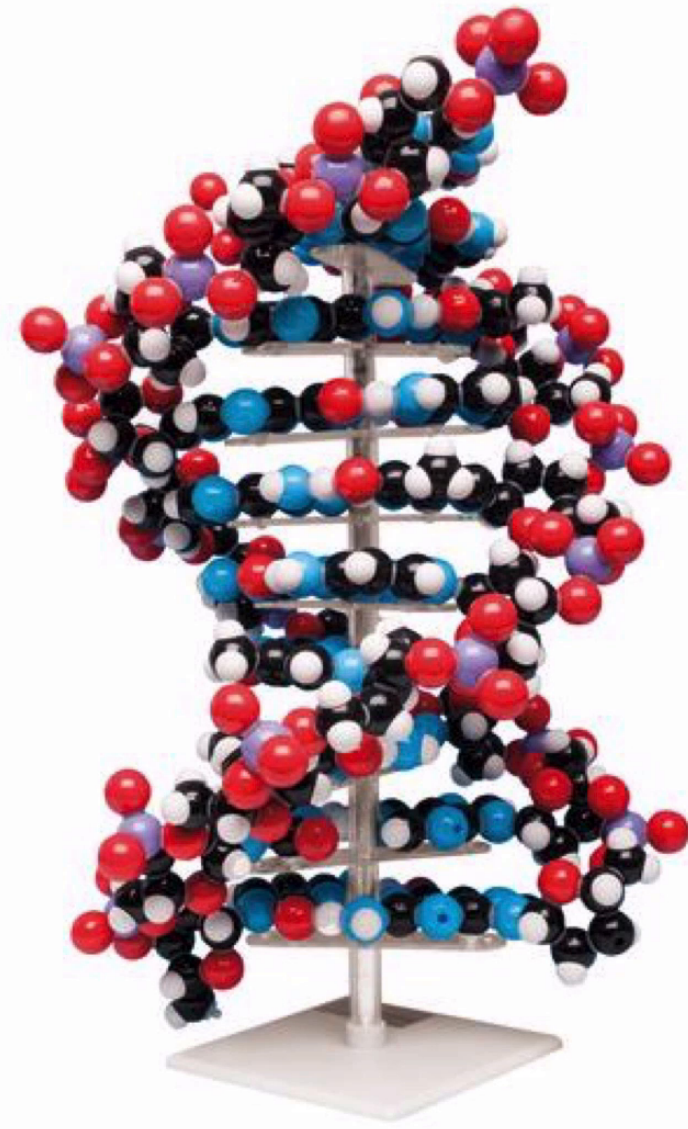


Life in the Cosmos?

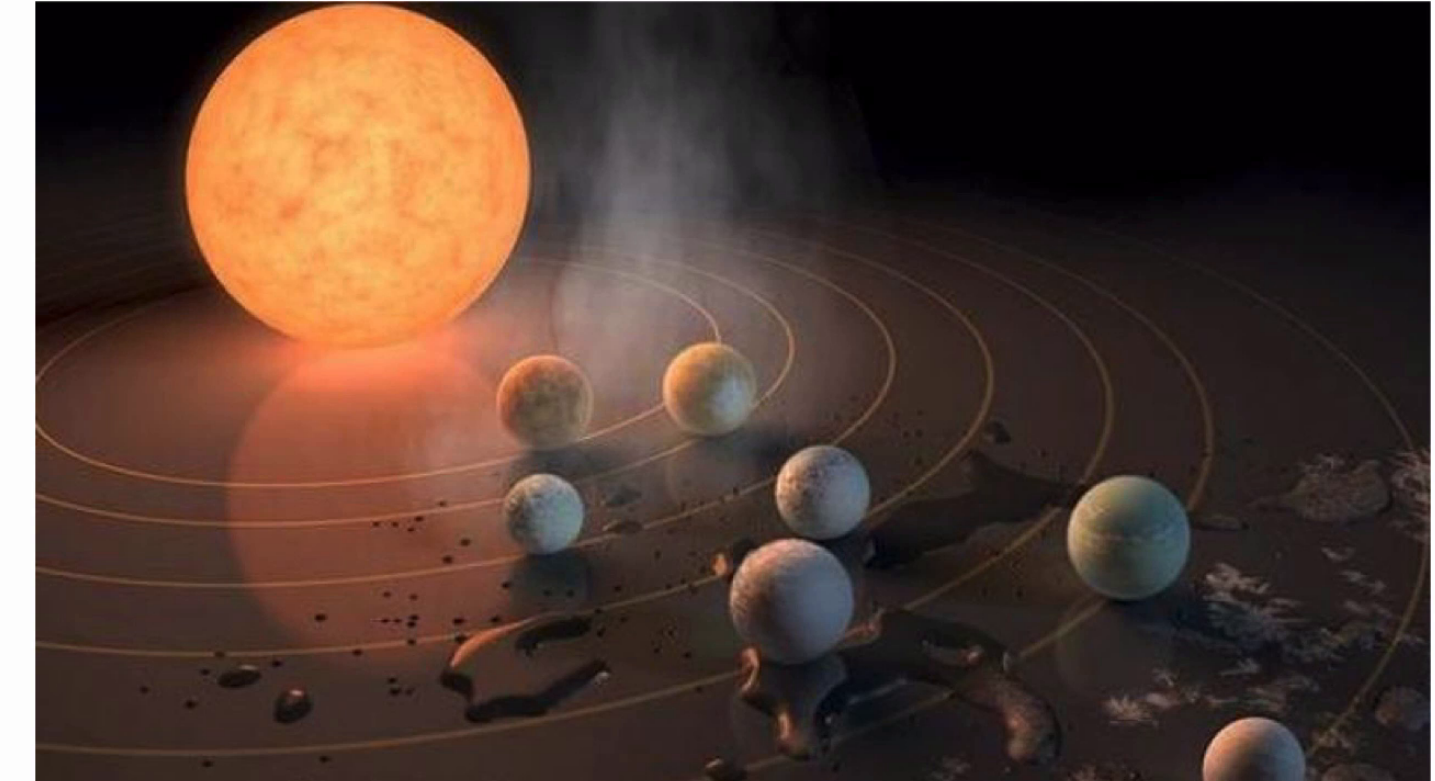
1

Life on Earth is made of organic molecules (involving carbon). The building blocks for life come from stars, and are abundant in the Universe



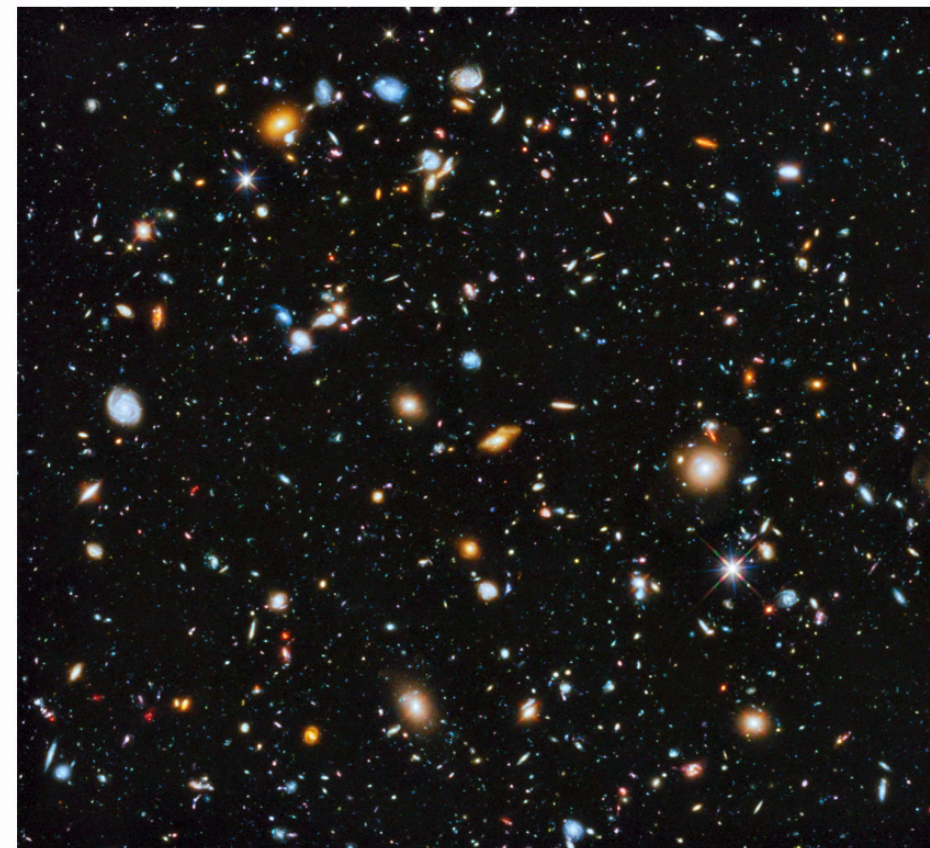
2

The Copernican principle: we know that our planet, solar system, galaxy etc are not unique but commonplace



3

Given the billions of stars and planets in our galaxy, and the billions of galaxies in the Universe, it seems reasonable that life must have emerged elsewhere



4

The Fermi paradox: given the rapid pace of technological development, why haven't aliens spread across the galaxy and visited us? Where are they?

