

# IdeasAugust 13, 2015

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## 1 General

- [Compartmentalization \(edit\)](#) [no file](#) Is compartmentalization necessary or not?
- [Prebiotic Soup \(edit\)](#): life originated from prebiotic soup.

## 2 Prebiotic polymerization

### 2.1 From literature

- [RNA-world idea \(edit\)](#)
- [Peptides could form prebiotically \(edit\)](#) [no file](#)
- [Amino acids could be formed prebiotically \(edit\)](#) [no file](#)

### 2.2 Home-grown

- [HP-world idea \(edit\)](#): Catalysis based on hydrophobic interaction can give a rise to an efficient autocatalytic loop.
- [Short sequences can have stable structure \(edit\)](#) [no file](#): [HP-world \(edit\)](#) hypothesis heavily relies on assumption that relatively short sequences can have stable structure and perform function. Supporting literature is [here](#).

### **3 “Artificial Life”**

- World Modeling
- Movement First

### **References**