

Article two: Lab-made primordial soup yields RNA bases:

true

10-07-2019



Credit: Alamy

I - SOURCE OF THE ARTICLE WITH PUBLICATION DATE AND WORD COUNT:

Source : <https://www.nature.com/articles/d41586-019-02622-4>, October 4 2019

Word count: 508

II - VOCABULARY:

Words from the text	Synonym/explanation in English	French translation
blanketed	Cover completely with a thick layer of something	Couvert

Words from the text	Synonym/explanation in English	French translation
(Chemical) pathway	Chain of chemical reactions	Voie chimique
Marvelously	Wonderfully	Merveilleusement
Hindsight	Understanding of a situation or event only after it has happened or developed	Recul

III - ANALYSIS TABLE ABOUT THE STUDY:

Researchers?	Thomas Carell & al
Published in? When (if mentioned)?	Science, October 3, 2019
General topic	RNA synthesis, origin of life
Procedure/what was examined	The team made some experiment and tried to find a chemical pathway for RNA synthesis, which is a candidate to explain how life may have appeared. They first found a way for the nucleobases to appear, but the pathway for A and G, and for U and C, are incompatible.
Conclusion/discovery	Carrel's team successfully found a way to create all nucleobases through a seemingly natural chemical pathway.
Remaining questions	RNA isn't only nucleobases, but also sugar (ribose). How did it appear? Some researchers doubt it might be the best explanation as to how did life appear.