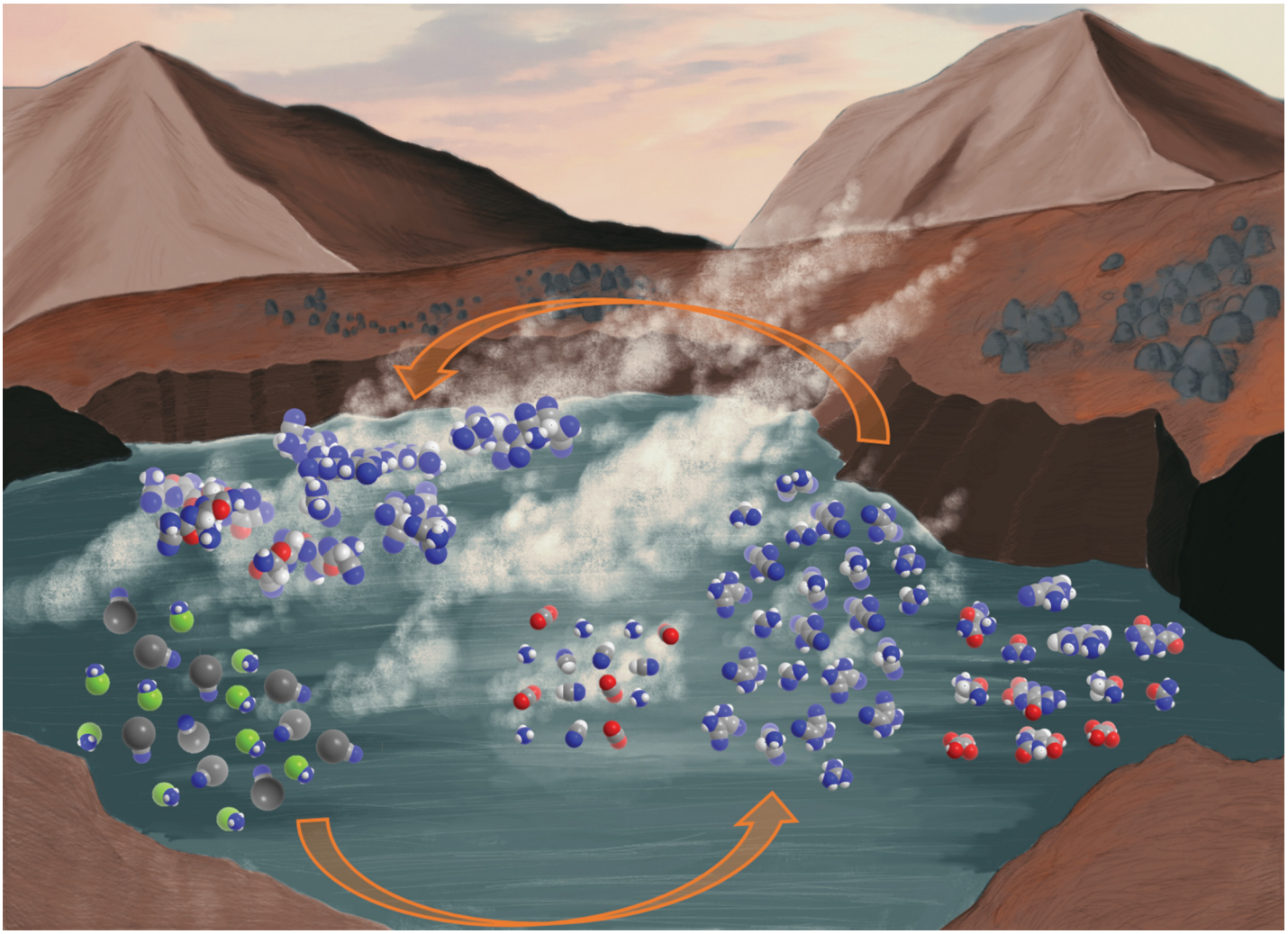

Showcasing research from Prebiotic Chemistry Group of Astrobiology Center (CAB) and the Subdirectorate General for Aeronautic Systems at National Institute of Aerospace Technology (INTA), Torrejón de Ardoz, Spain

Ammonium affects the wet chemical network of HCN: feedback between prebiotic chemistry and materials science

This work explores the effect of the pH and ammonium cation, in the form of the NH_4Cl salt, on the kinetic and properties of the cyanide-based polymers. These highly complex polymerizations are pH and ammonium subservient, showing that this cation concentration can modulate the magnetic, optical, morphological, crystallographic and thermal properties of the cyanide polymers.

The authors acknowledge Marina Fernández-Ruz for the image background.

As featured in:

See Marta Ruiz-Bermejo *et al.*, *Phys. Chem. Chem. Phys.*, 2023, **25**, 20473.

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