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The Origin of Chirality in Life (Chiral Symmetry Breaking)

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Message from the Guest Editor

This Special Issue deals with matters that range from the formation of simple chiral compounds and the formation of chiral biases from the racemic composition in astrobiological scenarios, through the decisive planetary stages of the formation of functional polymers, and to the first primordial biological phase transitions. The call for papers extends from physical chemistry to synthetic biology, and has the aim to discuss the chirality “question” between all research fields involved in the study of the origin of life. Critical reviews, with the goal to disseminate and communicate new advances concerning chirality to research groups working in other fields, are welcome. Furthermore, probably experts on the research of the several stages of chemical evolution, even during the primordial major transitions, have questions and opinions, never before published, on the paradoxical role of biological homochirality, which are worthy of presentation to the origin of life community.



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Special Issue



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Message from the Editor-in-Chief

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