Special Issue

Hydrogen Bonding Activation

Message from the Guest Editor

With the continuous efforts made by many research groups, a remarkable development of the asymmetric organocatalysis has been achieved in the last years. This discipline represents a complementary alternative to the most broadly explored metal and enzyme catalysis. The immense number of organocatalytic processes could be classified into four large groups depending on the nature of the catalytic activation and, among them, hydrogen-bond catalysis represents a significant contribution. Catalysts such as thiourea/urea derivatives or other already known or new structures acting through hydrogen bonding will be collected in this special issue. Even metal-organocatalysts, where hydrogen bonds have been also proposed as the key mode of activation, have room in this issue.

Guest Editor

Prof. Dr. Raquel P. Herrera

Laboratorio de Organocatálisis Asimétrica, Departamento de Química Orgánica, Instituto de Síntesis Química y Catálisis Homogénea (ISQCH) CSIC-Universidad de Zaragoza, C/Pedro Cerbuna 12, 50009 Zaragoza, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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Prof. Dr. Keith Hohn
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