

Special Issue

Small Non-Coding regulatory RNAs in Plant–Microbe Interactions

Message from the Guest Editors

Since the discovery of the first small non-coding RNAs 25 years ago, the importance of these 20-to-24-nt-long regulatory molecules for the modulation of developmental processes as well as of highly tuned responses to the environment in different organisms, from bacteria to humans, has been demonstrated. Moreover, recent discoveries show that their function is not restricted to the organism where they are expressed and that they can act as well as cross-kingdom communication molecules, targeting specific mRNAs in other organisms and modulating by this means their metabolic and defense pathways. In view of the importance of this topic for modern agriculture and biodiversity conservation in the context of global climate change, for this Special Issue, we invite researchers to submit original research articles or reviews on the role of small non-coding RNAs in plant–microbe interactions, including pathogenic and mutualistic interactions, as well as in the holobiont response to a changing environment.

Guest Editors

Dr. Amaia Nogales
Prof. Dr. Wanda Viegas
Dr. H. Sofia Pereira
Dr. Catarina Campos

Deadline for manuscript submissions

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

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

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