Special Issue

Elongator and Its Role in Plant Development and Response

Message from the Guest Editor

The elongator protein complex regulates development and response mechanisms in yeast, animals and plants. In plants, elongator was implicated in particularly diverse processes and activities both in cell nucleus and in cytoplasm. It remains elusive how exactly the individual activities of elongator contribute and converge to regulate plant development and response. Strong experimental evidence indicates that in all kingdoms elongator works as a complex, while the recent studies suggest that the individual *Arabidopsis* subunits expressed in the heterologous systems may be functional. The aim of the Special Issue is to present the results of the studies addressing important questions related to plant elongator:

- Which aspects of plant development and response are regulated by the elongator complex?
- Via which catalytic activities and/or molecular processes does elongator accomplish this regulation?
- Does elongator always work as the six subunit complex? May individual subunits or subcomplexes act independently?
- What are the roles of elongator in plant species other than *Arabidopsis thaliana*?

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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