Call for Papers

Focus Issue on Transport and Signaling

Edited by Yi-Fang Tsay, Michael R. Blatt, Matthew Gilliham, Christophe Maurel, and Nicolaus von Wirén

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Membrane transport is essential for nutrition and cellular homeostasis, it plays key roles in signaling and development, and it is a vital component of responses to biotic and abiotic stress. This Focus Issue will highlight the recent advances in our understanding of the molecular mechanisms behind membrane transport, its integration with signaling, and its roles in homeostasis. A selection of Update Reviews, included within the Issue, will address new and transformative insights that are driving research beyond the traditional boundaries of transport physiology. We welcome submissions of primary Research Articles, Research Reports, and Letters from the community on all aspects of membrane transport, and we encourage submissions that address quantitative frameworks in understanding membrane transport, transport proteins, and the integration of transport and signaling across scales.

Authors submitting to this Focus Issue should indicate their interest in the cover letter when submitting papers online at http://pphys.msubmit.net/. Please select “Transport and Signaling” from the Focus Issue list in the online submission system. Articles published in Plant Physiology on this topic within 2 years before and after the Focus Issue publication date will be collected as part of the online Focus Collection on this topic.

For inquiries, please contact the Editors of the Focus Issue:
Yi-Fang Tsay (yftsay@gate.sinica.edu.tw)
Michael R. Blatt (eic-plantphys@glasgow.ac.uk)
Matthew Gilliham (matthew.gilliham@adelaide.edu.au)
Christophe Maurel (christophe.maurel@supagro.fr)
Nicolaus von Wirén (vonwiren@ipk-gatersleben.de)